TADANO

TECHNICAL DATA | IMPERIAL

CC 28.600-2

660 US TON CAPACITY CLASS

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Contents

Specifications 7

Working speeds 8
Hook block system 9
Hook block 9
Number of lines 9
Basic crane dimensions 10-12
Superlift configurations 13
Transportation 14-15
Boom heads 15
Erection / lowering of the boom systems to the ground 16
Boom combinations 18-22

Main boom 23

SH, LH 24-27
SSL, LSL 28-34

Fixed fly jib 35

SH+LF, LH+LF 36-46
SSL+LF 48-56
LSL+LF 58-67

Luffing fly jib 69

SW 70-77
SWSL, SFSL 78-107

Fixed fly jib with SL 109

LVSL 110-111

Notes to Lifting Capacity 112
Technical description 114-115

Key

Track

Counterweight + central ballast (ZB)

Superlift counterweight

Central ballast

Superlift radius

Possible load of hook block

Weight of hook block

Load radius

Main boom

Fly jib

Main boom angle

Fly jib angle

Hook block

H1 Hoist 1

H2 Hoist 2

H3 Hoist 3

W1 Jib luffing

W2 Boom derricking

E Boom hoist

Travel speed

Working speeds

Slewing

Max. line pull

Rope diameter

Rope length

Number of lines

Number of sheaves

Wind speed in ft/s (feet per second)

Key

	Distance head sheave axle – hook ground
S:	heavy
L:	light
H / HA:	Main boom
HI:	Luffing jib
MA:	Mast
W:	Luffing fly jib
F:	Fixed fly jib
SL:	Superlift
V:	Vessellift

Highlights

660 USt lifting capacity at 32.8 ft radius

Load moment of 56.135 ft-kips

Excellent lifting capacities throughout the whole working range

Very simple assembly and short rigging time

Variable Superlift radius

Variable offset of main boom for configuration SW and SWSL

Power-Kit for main boom

Innovative IC-1 crane control system with touchscreen

Improved setup and rigging for boom systems

Quadro-Drive on demand

SPECIFICATIONS

Specifications

Working speeds (infinitely variable)				
	[1]	lb		
H1	max. 426.5 ft/min	35,520 lbf	1.1“	3281 ft
H2	max. 426.5 ft/min	35,520 lbf	1.1“	3281 ft
H3	max. 383.9 ft/min	35,520 lbf	1.1“	2133 ft
W2	max. 393.7 ft/min		1.1“	
E	max. 410.1 ft/min		1.1“	
W1	max. 393.7 ft/min		1.1“	
∞	0-1 rpm			
	max. 0.68 mph			

[1] top layer

Specifications

Hook block system

	lb			lb	D
2 x 300	1323,000 lb 545,000 lb	2 x 11 11	2 x 22 17	22,900 lb - 26,500 lb 15,700 lb - 17,400 lb	16.4 ft 17.7 ft
2 x 200	882,000 lb 432,200 lb	2 x 7 7	2 x 14 13	18,100 lb - 22,050 lb 11,700 lb - 13,700 lb	16.4 ft 17.7 ft

Hook block

	lb			lb	D
160	352,800 lb	5	11	7,900 lb / 11,250 lb / 14,600 lb	15.1 ft
110	242,600 lb	3	7	4,000 lb – 11,250 lb	15.1 ft
50	110,250 lb	1	3	2,430 lb – 7,280 lb	14.8 ft
16	35,300 lb	–	1	2,430 lb	12.8 ft

Number of lines

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
lb	33,100 lb	68,400 lb	103,600 lb	136,700 lb	172,000 lb	205,100 lb	238,100 lb	271,200 lb	304,300 lb	335,200 lb	368,200 lb	399,100 lb	430,000 lb	460,900 lb	491,700 lb	522,600 lb	553,500 lb				
1 x 35,300 lb	X																				
1 x 110,250 lb		X	X																		
1 x 275,600 lb				X	X	X	X	X													
1 x 352,800 lb				X	X	X	X	X	X	X	X										
1 x 432,200 lb				X	X	X	X	X	X	X	X	X	X								
1 x 545,000 lb				X	X	X	X	X	X	X	X	X	X	X	X	X	X				

	2 x 1	2 x 2	2 x 3	2 x 4	2 x 5	2 x 6	2 x 7	2 x 8	2 x 9	2 x 10	2 x 11	2 x 12	2 x 13	2 x 14	2 x 15	2 x 16	2 x 17	2 x 18	2 x 19	2 x 20	2 x 21
lb		136,800 lb	207,200 lb	273,400 lb	344,000 lb	410,200 lb	476,200 lb	542,400 lb	608,600 lb	670,400 lb	736,400 lb	798,200 lb	860,000 lb	921,800 lb	983,400 lb	1045,200 lb	1107,000 lb	1167,000 lb	1224,000 lb	1283,000 lb	1323,000 lb
2 x 441,000 lb				X	X	X	X	X	X	X	X	X	X	X							
2 x 661,500 lb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Specifications

Basic crane dimensions

Basic crane dimensions with standard Superlift attachment

in brackets: with quick connection

Specifications

Basic crane dimensions

in brackets: with quick connection

* option

Specifications

Basic crane dimensions

Specifications

Superlift Configurations

Standard-SL
36.1 ft / 42.7 ft / 49.2 ft

R 37.7 ft 50.9 ft
44.3 ft

Vario-SL
36.1 ft – 49.2 ft

R 37.7-50.9 ft

SL carrier
42.7 ft – 55.8 ft

R 49.2 ft

SL tray
42.7 ft – 55.8 ft

R 49.2 ft

Specifications

Transportation

170,000 lb*

117,300 lb**

138,000 lb*

85,330 lb**

32,000 lb

58,650 lb**

	Duo	Quadro
4.9 ft	**83,350 lb**	**91,500 lb**
6.6 ft	**87,300 lb**	**95,500 lb**

Without winches H1 + H2 (15,400 lb each)

22,050 lb

* without quick-connection

** with quick-connection

1) Optional cast iron

Specifications

Transportation

Main Boom (HA)

Type 2724

Jib (HI)

Type 2421

Superlift-Mast (MA)

Type M2420

Fixed Jib (LF)

Type 1813

Boom heads

A
(max. 1323,000 lb)

A1

A2

A3

B
(max. 661,500 lb)

B1

C
(max. 275,600 lb)

* Attachable

Specifications

Erection / lowering of the boom systems to the ground

	ft	ft	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	295.3	315.0	334.6	354.3
SH_1			X	X	X	X	X	X	X	X	X	X	[X]	[X]	[X]	–	–
LH_2			–	X	X	X	X	X	X	X	X	X	X	X	(X)	[X]	–
LH_3			–	–	–	–	–	–	–	–	–	X	(X)	(X)	[X]	[X]	[X]
SW_1 85°, 75°, 65°	78.7		–	X	X	X	X	(X)	–	–	–	–	–	–	–	–	–
	98.4-118.1		–	X	X	X	X	(X)	[X]	[X]	–	–	–	–	–	–	–
	137.8-196.9		–	X	X	X	X	X	[X]	[X]	–	–	–	–	–	–	–
	216.5-275.6		–	X	X	X	X	(X)	[X]	[X]	–	–	–	–	–	–	–
SH+LF_1 15°, 20°, 30°	39.4		–	X	X	X	X	X	X	X	X	(X)	[X]	–	–	–	–
	78.7		–	X	X	X	X	X	X	X	X	(X)	[X]	–	–	–	–
	118.1		–	X	X	X	X	X	X	X	(X)	[X]	[X]	–	–	–	–
LH+LF_2 10°, 15°, 20°, 30°	39.4		–	–	–	–	–	–	–	X	X	X	(X)	[X]	[X]	[X]	–
LH+LF_2 10°, 20°, 30°	78.7		–	–	–	–	–	–	–	X	X	X	(X)	[X]	[X]	[X]	–
	118.1		–	–	–	–	–	–	–	X	X	(X)	[X]	[X]	[X]	[X]	–
LH+LF_3 10°, 15°, 20°	39.4		–	–	–	–	–	–	–	–	–	(X)	[X]	[X]	[X]	[X]	–

		ft	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	295.3	315.0	334.6	354.3	374.0	393.7	413.4	433.1	452.8
SSL_1			X	X	X	X	X	X	X	X	X	X	X	X	–	–	–	–	–	–	–
LSL_2			–	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LSL_3			–	–	–	–	–	–	–	–	X	X	X	X	X	X	X	X	X	X	X
LSL_4			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X
SWSL_1 85°, 75°, 65°, 55°	78.7		–	X	X	X	X	X	X	X	–	–	–	–	–	–	–	–	–	–	–
	98.4		–	X	X	X	X	X	X	X	X	–	–	–	–	–	–	–	–	–	–
	118.1-315.0		–	X	X	X	X	X	X	X	X	X	X	X	–	–	–	–	–	–	–
SWSL_2 85°, 75°, 65°, 55°	78.7		–	–	–	–	X	X	X	X	–	–	–	–	–	–	–	–	–	–	–
	98.4		–	–	–	–	X	X	X	X	X	X	–	–	–	–	–	–	–	–	–
	118.1		–	–	–	–	X	X	X	X	X	X	X	X	X	–	–	–	–	–	–
	137.8-196.9		–	–	–	–	X	X	X	X	X	X	X	X	X	X	–	–	–	–	–
	216.5-275.6		–	–	–	–	X	X	X	X	X	X	X	X	–	–	–	–	–	–	–
	295.3-315.0		–	–	–	–	X	X	X	X	X	X	–	–	–	–	–	–	–	–	–
SSL+LF_1 10°, 15°, 20°	39.4-118.1		–	X	X	X	X	X	X	X	X	X	X	X	–	–	–	–	–	–	–
LSL+LF_2 10°, 15°, 20°, 30°	39.4		–	–	–	–	–	–	–	–	–	–	X	X	X	X	X	X	X	X	X
LSL+LF_2 10°, 20°, 30°	78.7/118.1		–	–	–	–	–	–	–	–	–	–	X	X	X	X	X	X	X	X	X
LSL+LF_3 10°, 15°, 20°	39.4		–	–	–	–	–	–	–	–	X	X	X	X	X	X	X	X	X	X	X
LSL+LF_4 10°, 15°	49.2		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X
LVSL_1	39.4		–	–	X	X	X	X	X	X	X	X	–	–	–	–	–	–	–	–	–

X without assisting equipment

(X) idler wheel supported

[X] with additional side jack

Notes

Specifications

Boom combinations

Specifications

Boom combinations

Type 2724 Type 2421

Specifications

Boom combinations

Type 2724 Type 2421

Specifications

Boom combinations

Specifications

Boom combinations

MAIN BOOM

354.3 ft
334.6 ft
315.0 ft
295.3 ft
275.6 ft
255.9 ft
236.2 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
118.1 ft
98.4 ft
78.7 ft
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 ft
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400 416 432 448

+ 132,300 lb	27.6 ft	32.2 ft /s	360°	ASME B30.5

ft	SH_1 78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	295.3	315.0	ft
	1,000 lb													
19.7	1322.8	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	1236.8	1221.4	1172.9	-	-	-	-	-	-	-	-	-	-	23.0
26.2	1117.7	1056.0	983.3	917.1	859.8	-	-	-	-	-	-	-	-	26.2
29.5	961.2	899.5	844.4	793.7	749.6	707.7	670.2	-	-	-	-	-	-	29.5
32.8	815.7	782.6	738.5	698.9	661.4	628.3	597.5	571.0	544.5	-	-	-	-	32.8
39.4	590.8	590.8	588.6	560.0	535.7	511.5	489.4	469.6	449.7	432.1	414.5	379.2	321.9	39.4
45.9	460.8	460.8	456.4	458.6	445.3	429.9	412.3	396.8	381.4	366.0	352.7	339.5	321.9	45.9
52.5	374.8	374.8	370.4	370.4	368.2	368.2	352.7	341.7	328.5	317.5	304.2	293.2	282.2	52.5
59.1	315.3	313.1	310.9	310.9	308.6	306.4	304.2	297.6	286.6	277.8	266.8	257.9	246.9	59.1
65.6	271.2	269.0	264.6	264.6	262.4	262.4	257.9	257.9	253.5	244.7	235.9	227.1	219.4	65.6
72.2	235.9	233.7	231.5	229.3	227.1	227.1	222.7	222.7	220.5	218.3	210.5	202.8	195.1	72.2
78.7	-	207.2	202.8	202.8	199.5	198.4	196.2	195.1	192.9	191.8	188.5	181.9	175.3	78.7
85.3	-	185.2	180.8	179.7	177.5	176.4	173.1	172.0	169.8	168.7	165.3	164.2	157.6	85.3
91.9	-	166.4	162.0	160.9	158.7	156.5	154.3	153.2	151.0	149.9	146.6	145.5	142.2	91.9
98.4	-	-	146.6	145.5	142.2	141.1	137.8	136.7	134.5	133.4	130.1	129.0	126.8	98.4
111.5	-	-	-	120.2	116.8	115.7	112.4	111.3	109.3	108.2	105.2	104.1	100.3	111.5
124.7	-	-	-	102.7	98.8	97.0	93.9	92.6	89.7	88.4	84.4	83.1	79.4	124.7
137.8	-	-	-	-	84.4	82.0	78.5	76.9	73.6	72.1	68.1	66.8	62.8	137.8
150.9	-	-	-	-	-	69.9	65.9	63.9	60.6	59.1	54.9	53.6	49.6	150.9
164.0	-	-	-	-	-	-	55.6	53.6	50.0	48.3	44.3	42.8	38.8	164.0
177.2	-	-	-	-	-	-	47.4	45.0	41.2	39.5	35.3	33.7	29.8	177.2
190.3	-	-	-	-	-	-	-	37.9	34.0	32.0	27.8	26.0	22.0	190.3
203.4	-	-	-	-	-	-	-	-	27.8	25.6	21.4	19.6	15.7	203.4
213.3	-	-	-	-	-	-	-	-	-	21.6	17.2	15.4	11.2	213.3
216.5	-	-	-	-	-	-	-	-	-	20.3	15.9	14.1	-	216.5
223.1	-	-	-	-	-	-	-	-	-	18.1	13.6	11.5	-	223.1
229.7	-	-	-	-	-	-	-	-	-	15.9	11.2	-	-	229.7

	27.6 ft	32.2 ft /s	360°	ASME B30.5

ft	SH_1 78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9	275.6	295.3	315.0	ft
	1,000 lb													
19.7	1247.8	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	1106.7	1067.0	978.9	-	-	-	-	-	-	-	-	-	-	23.0
26.2	952.4	881.8	817.9	762.8	714.3	-	-	-	-	-	-	-	-	26.2
29.5	800.3	749.6	701.1	659.2	621.7	586.4	555.6	-	-	-	-	-	-	29.5
32.8	676.8	650.4	612.9	579.8	549.0	520.3	493.8	471.8	447.5	-	-	-	-	32.8
39.4	489.4	489.4	487.2	463.0	440.9	423.3	403.4	385.8	368.2	352.7	337.3	324.1	308.6	39.4
45.9	381.4	379.2	377.0	377.0	368.2	352.7	337.3	324.1	310.9	297.6	286.6	275.6	262.4	45.9
52.5	308.6	306.4	304.2	304.2	302.0	299.8	288.8	277.8	266.8	255.7	244.7	235.9	227.1	52.5
59.1	257.9	255.7	253.5	253.5	251.3	249.1	246.9	240.3	231.5	222.7	213.8	206.1	197.3	59.1
65.6	220.5	219.4	216.1	216.1	212.7	212.7	209.4	209.4	203.9	196.2	188.5	180.8	173.1	65.6
72.2	192.9	190.7	187.4	186.3	184.1	183.0	179.7	179.7	177.5	174.2	166.4	159.8	152.1	72.2
78.7	-	167.6	164.2	163.1	159.8	158.7	156.5	155.4	153.2	152.1	147.7	142.2	135.6	78.7
85.3	-	148.8	145.5	144.4	141.1	140.0	137.8	136.7	134.5	133.4	130.1	126.8	120.2	85.3
91.9	-	133.4	130.1	127.9	125.7	124.6	121.3	120.2	117.9	116.8	113.5	112.4	108.0	91.9
98.4	-	-	116.8	115.7	112.4	110.2	108.2	107.1	104.7	103.8	100.5	99.2	95.7	98.4
111.5	-	-	-	95.0	91.5	89.9	87.1	85.5	82.7	81.1	77.4	76.1	72.3	111.5
124.7	-	-	-	79.6	75.6	73.4	69.9	68.3	65.3	63.7	60.0	58.6	54.7	124.7
137.8	-	-	-	-	63.1	60.4	56.4	54.9	51.6	50.0	46.1	44.8	41.0	137.8
150.9	-	-	-	-	-	50.0	45.9	44.1	40.8	39.2	35.1	33.7	29.8	150.9
164.0	-	-	-	-	-	-	37.5	35.5	32.0	30.2	26.2	24.5	20.7	164.0
177.2	-	-	-	-	-	-	30.6	28.2	24.7	22.7	18.7	17.0	13.0	177.2
180.4	-	-	-	-	-	-	-	26.8	23.1	21.2	17.1	15.4	11.5	180.4
187.0	-	-	-	-	-	-	-	23.9	20.1	18.1	13.9	12.1	-	187.0
190.3	-	-	-	-	-	-	-	22.5	18.5	16.5	12.3	-	-	190.3
203.4	-	-	-	-	-	-	-	-	13.4	11.2	-	-	-	203.4

308,700 lb | 352,800 lb | 396,900 lb

+ 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

ft	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9		275.6		295.3		315.0		334.6		354.3	
	LH_2									LH_3	LH_2	LH_3	LH_2	LH_3	LH_2	LH_3	LH_2	LH_3	LH_2	LH_3
ft	1,000 lb																			
19.7	661.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.0	661.4	661.4	661.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.2	661.4	661.4	661.4	661.4	661.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.5	661.4	661.4	661.4	661.4	661.4	646.0	643.8	-	-	-	-	-	-	-	-	-	-	-	-	-
32.8	661.4	659.2	661.4	661.4	637.1	606.3	577.6	549.0	445.3	489.4	-	-	-	-	-	-	-	-	-	-
36.1	631.6	627.2	615.1	603.0	578.7	552.3	526.9	503.8	443.1	464.1	-	458.6	-	-	-	-	-	-	-	-
39.4	601.9	595.2	568.8	544.5	520.3	498.2	476.2	458.6	440.9	438.7	372.6	421.1	339.5	403.4	302.0	350.5	-	-	-	-
42.7	536.8	532.4	518.1	500.4	478.4	459.7	439.8	424.4	409.0	405.7	351.6	390.2	339.5	374.8	302.0	341.7	-	319.7	-	288.8
45.9	471.8	469.6	467.4	456.4	436.5	421.1	403.4	390.2	377.0	372.6	330.7	359.4	339.5	346.1	302.0	332.9	238.1	319.7	-	288.8
52.5	385.8	383.6	381.4	379.2	374.8	361.6	348.3	337.3	328.5	324.1	293.2	313.1	306.4	299.8	280.0	291.0	218.3	277.8	-	266.8
59.1	324.1	324.1	321.9	317.5	315.3	313.1	306.4	297.6	288.8	284.4	262.4	273.4	271.2	264.6	260.1	255.7	200.6	244.7	-	235.9
65.6	280.0	277.8	275.6	273.4	269.0	266.8	264.6	262.4	255.7	251.3	235.9	242.5	240.3	233.7	233.7	227.1	185.2	218.3	-	209.4
72.2	244.7	242.5	240.3	238.1	233.7	231.5	229.3	229.3	229.3	224.9	211.6	218.3	217.2	209.4	210.5	202.8	172.0	195.1	-	187.4
78.7	218.3	216.1	212.7	210.5	207.2	205.0	201.7	200.6	201.7	197.3	191.8	196.2	196.2	188.5	189.6	183.0	158.7	175.3	-	167.6
85.3	195.1	192.9	190.7	187.4	184.1	181.9	178.6	177.5	178.6	174.2	176.4	173.1	177.5	170.9	173.1	165.3	149.9	158.7	-	151.0
91.9	177.5	174.2	172.0	168.7	165.3	163.1	159.8	158.7	159.8	155.4	158.7	153.2	157.6	151.0	157.6	149.9	141.1	143.3	-	136.7
98.4	-	158.7	155.4	152.1	148.8	146.6	143.3	142.2	143.3	138.9	142.2	137.8	142.2	135.6	141.1	133.4	132.3	130.1	-	124.6
111.5	-	-	130.1	126.8	123.5	121.3	117.9	116.8	117.9	113.5	116.8	111.3	115.7	109.8	114.6	107.8	114.6	105.8	-	102.3
124.7	-	-	111.3	108.7	105.2	102.3	98.8	98.1	98.3	94.1	97.4	92.4	96.8	89.7	95.7	87.5	95.5	85.1	-	81.1
137.8	-	-	-	93.9	90.2	87.3	83.8	82.9	83.1	78.3	82.0	76.3	81.1	73.4	79.8	71.2	79.6	68.6	-	64.6
150.9	-	-	-	-	78.5	75.4	71.2	70.1	70.1	65.3	69.0	63.1	67.9	60.2	66.6	57.8	66.1	55.3	-	51.4
164.0	-	-	-	-	-	65.5	60.8	59.5	59.5	54.5	58.2	52.2	57.1	49.4	55.8	47.0	55.1	44.3	-	40.3
177.2	-	-	-	-	-	57.3	52.5	50.9	50.7	45.6	49.2	43.4	48.1	40.3	46.5	37.9	46.1	35.3	-	31.1
190.3	-	-	-	-	-	-	45.4	43.7	43.2	38.4	41.7	35.7	40.3	32.6	38.8	30.2	38.4	27.6	-	23.4
203.4	-	-	-	-	-	-	-	37.7	36.8	32.0	35.1	29.5	33.7	26.2	32.4	23.8	31.5	20.9	-	16.8
216.5	-	-	-	-	-	-	-	-	31.5	26.9	29.8	24.0	28.2	20.5	26.7	18.1	25.8	15.2	-	11.0
219.8	-	-	-	-	-	-	-	-	30.4	25.7	28.4	22.7	27.0	19.3	25.4	16.9	24.5	14.0	-	9.7
226.4	-	-	-	-	-	-	-	-	28.0	23.4	26.1	20.5	24.6	17.0	22.9	14.4	22.0	11.6	-	-
229.7	-	-	-	-	-	-	-	-	-	-	24.9	19.4	23.4	15.9	21.6	13.2	20.7	10.4	-	-
232.9	-	-	-	-	-	-	-	-	-	-	23.9	18.4	22.3	14.8	20.6	12.2	19.6	9.0	-	-
242.8	-	-	-	-	-	-	-	-	-	-	20.9	15.4	19.2	11.7	17.4	9.0	16.3	-	-	-
246.1	-	-	-	-	-	-	-	-	-	-	-	14.6	18.2	10.7	16.5	-	15.3	-	-	-
252.6	-	-	-	-	-	-	-	-	-	-	-	-	16.4	8.8	14.6	-	13.4	-	-	-
255.9	-	-	-	-	-	-	-	-	-	-	-	-	15.4	-	13.7	-	-	-	-	-
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.4	-	-	-	-	-

352,800 lb | 396,900 lb

27.6 ft | 32.2 ft /s | 360° | ASME B30.5

ft	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	255.9		275.6		295.3		315.0		334.6		354.3	
	LH_2									LH_3	LH_2	LH_3	LH_2	LH_3	LH_2	LH_3	LH_2	LH_3	LH_2	LH_3
ft	1,000 lb																			
19.7	661.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.0	661.4	661.4	661.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.2	661.4	661.4	661.4	661.4	661.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.5	661.4	661.4	661.4	628.3	595.2	562.2	533.5	-	-	-	-	-	-	-	-	-	-	-	-	-
32.8	657.0	621.7	586.4	557.8	529.1	502.7	478.4	456.4	436.5	434.3	-	-	-	-	-	-	-	-	-	-
36.1	578.7	558.9	529.1	503.8	479.5	457.5	435.4	416.7	400.1	396.8	-	377.0	-	-	-	-	-	-	-	-
39.4	500.4	496.0	471.8	449.7	429.9	412.3	392.4	377.0	363.8	359.4	350.5	343.9	335.1	328.5	302.0	317.5	-	-	-	-
42.7	446.4	443.1	429.9	413.4	394.6	379.2	361.6	348.3	336.2	331.8	324.1	318.6	310.9	304.2	289.9	294.3	-	280.0	-	266.8
45.9	392.4	390.2	388.0	377.0	359.4	346.1	330.7	319.7	308.6	304.2	297.6	293.2	286.6	280.0	277.8	271.2	238.1	257.9	-	246.9
52.5	319.7	317.5	315.3	313.1	308.6	297.6	284.4	275.6	266.8	262.4	257.9	253.5	249.1	242.5	240.3	233.7	218.3	224.9	-	215.0
59.1	269.0	266.8	264.6	262.4	257.9	255.7	249.1	240.3	233.7	229.3	227.1	220.5	219.4	212.7	211.6	205.0	200.6	196.2	-	187.4
65.6	229.3	229.3	224.9	222.7	220.5	218.3	215.0	213.8	207.2	202.8	200.6	196.2	194.0	187.4	188.5	180.8	181.9	173.1	-	164.2
72.2	201.7	199.5	197.3	194.0	190.7	188.5	185.2	185.2	185.2	180.8	179.7	174.2	173.1	166.4	167.6	160.9	162.0	153.2	-	145.5
78.7	178.6	176.4	173.1	170.9	167.6	165.3	162.0	160.9	162.0	157.6	160.9	155.4	155.4	148.8	151.0	143.3	145.5	136.7	-	130.1
85.3	159.8	157.6	154.3	151.0	147.7	145.5	142.2	142.2	142.2	137.8	142.2	136.7	140.0	133.4	135.6	129.0	131.2	122.4	-	115.7
91.9	144.4	141.1	138.9	135.6	132.3	130.1	126.8	125.7	126.8	122.4	125.7	120.2	124.6	119.0	123.5	115.7	119.0	110.2	-	103.8
98.4	-	127.9	125.7	122.4	119.0	116.8	112.4	112.4	112.4	108.9	112.4	107.4	111.3	105.4	110.2	103.4	108.7	99.2	-	93.0
111.5	-	-	104.7	101.4	98.1	95.5	91.9	91.3	91.7	87.3	90.8	85.5	90.2	82.9	89.3	80.7	88.8	78.3	-	74.5
124.7	-	-	89.1	85.5	82.0	79.4	75.6	74.7	75.0	69.9	73.9	67.9	73.0	65.3	71.9	63.1	71.4	60.6	-	56.7
137.8	-	-	-	73.4	69.7	66.4	62.2	61.1	61.3	56.2	60.2	54.2	59.1	51.4	58.0	49.2	57.5	46.7	-	42.8
150.9	-	-	-	-	59.5	55.8	51.4	50.3	50.3	45.4	49.2	43.2	48.1	40.3	46.7	37.9	46.3	35.5	-	31.5
164.0	-	-	-	-	-	47.4	42.8	41.4	41.4	36.4	40.1	34.2	38.8	31.1	37.7	28.9	37.0	26.2	-	22.3
177.2	-	-	-	-	-	40.6	35.7	34.2	34.0	29.1	32.4	26.7	31.3	23.6	30.0	21.2	29.3	18.5	-	14.6
187.0	-	-	-	-	-	-	31.4	29.7	29.2	24.5	27.8	22.0	26.5	18.8	25.2	16.4	24.5	13.7	-	9.5
190.3	-	-	-	-	-	-	30.0	28.2	27.8	22.9	26.2	20.5	24.9	17.2	23.6	14.8	22.9	12.1	-	-
196.9	-	-	-	-	-	-	-	25.8	25.1	20.3	23.4	17.7	22.0	14.6	20.7	12.1	20.1	9.3	-	-
203.4	-	-	-	-	-	-	-	23.4	22.5	17.6	20.7	15.0	19.4	11.9	17.9	9.5	17.2	-	-	-
210.0	-	-	-	-	-	-	-	-	20.3	15.5	18.5	12.8	17.0	9.5	15.4	-	14.7	-	-	-
216.5	-	-	-	-	-	-	-	-	18.1	13.4	16.3	10.6	14.8	-	13.2	-	12.3	-	-	-
219.8	-	-	-	-	-	-	-	-	17.1	12.5	15.2	9.5	13.7	-	12.2	-	11.3	-	-	-
226.4	-	-	-	-	-	-	-	-	15.2	10.6	13.3	-	11.6	-	10.1	-	9.3	-	-	-
229.7	-	-	-	-	-	-	-	-	-	-	12.3	-	10.6	-	9.0	-	-	-	-	-
236.2	-	-	-	-	-	-	-	-	-	-	10.7	-	8.8	-	-	-	-	-	-	-
242.8	-	-	-	-	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	-

176,400 lb | 220,500 lb | 264,600 lb | 308,700 lb | 352,800 lb

452.8 ft
433.1 ft
413.4 ft
393.7 ft
374.0 ft
354.3 ft
334.6 ft
315.0 ft
295.3 ft
275.6 ft
255.9 ft
236.2 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
118.1 ft
98.4 ft
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400 416 ft
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400 416 432 448 464 480 496 512

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			
	SSL_1															SSL_2
	0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		
	36.1-49.2 ft		55.8 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft
ft							1,000 lb									
23.0	1214.7	1223.6	1223.6	1285.3	1322.8	1322.8	-	-	-	-	-	-	-	-	-	-
26.2	1144.2	1223.6	1223.6	1078.1	1322.8	1322.8	1007.5	1307.3	1307.3	943.6	1278.7	1278.7	-	-	-	-
29.5	974.4	1223.6	1223.6	925.9	1322.8	1322.8	873.0	1307.3	1307.3	822.3	1278.7	1278.7	778.2	1230.2	1230.2	1203.7
32.8	846.6	1223.6	1223.6	811.3	1320.6	1320.6	767.2	1307.3	1307.3	727.5	1278.7	1278.7	692.3	1230.2	1230.2	1203.7
39.4	654.8	1183.9	1208.1	646.0	1285.3	1285.3	617.3	1265.5	1265.5	590.8	1278.7	1278.7	564.4	1230.2	1230.2	1203.7
45.9	511.5	1053.8	1113.3	507.1	1150.8	1210.3	504.9	1146.4	1177.3	493.8	1142.0	1172.9	474.0	1137.6	1192.7	1135.4
52.5	416.7	910.5	963.4	412.3	1007.5	1069.2	410.1	1003.1	1064.8	407.9	998.7	1053.8	405.7	994.3	1053.8	992.1
59.1	350.5	800.3	833.3	346.1	895.1	923.7	343.9	888.5	943.6	341.7	884.1	939.2	337.3	879.6	934.8	879.6
65.6	299.8	712.1	718.7	297.6	795.9	800.3	293.2	798.1	846.6	291.0	793.7	844.4	288.8	789.3	840.0	789.3
72.2	262.4	617.3	621.7	257.9	696.7	701.1	255.7	720.9	747.4	251.3	718.7	765.0	249.1	714.3	758.4	714.3
78.7	231.5	542.3	540.1	227.1	617.3	621.7	224.9	650.4	665.8	220.5	648.2	687.8	219.4	646.0	687.8	646.0
85.3	208.3	480.6	467.4	203.9	549.0	551.2	200.6	593.0	595.2	197.3	590.8	619.5	194.0	588.6	623.9	586.4
91.9	188.5	414.5	401.2	183.0	498.2	487.2	179.7	535.7	537.9	176.4	542.3	562.2	173.1	537.9	568.8	537.9
98.4	-	-	-	166.4	443.1	432.1	162.0	482.8	485.0	158.7	498.2	511.5	155.4	496.0	522.5	496.0
108.3	-	-	-	145.5	368.2	357.1	143.3	417.8	420.0	140.0	443.1	451.9	136.1	448.6	466.3	448.6
111.5	-	-	-	-	-	-	137.1	397.6	398.3	133.7	424.8	432.1	129.7	432.8	447.5	432.8
124.7	-	-	-	-	-	-	115.7	328.5	317.5	112.9	356.4	360.8	108.5	374.1	380.7	374.1
137.8	-	-	-	-	-	-	-	-	-	96.1	304.2	297.6	91.9	319.7	321.9	319.7
144.4	-	-	-	-	-	-	-	-	-	89.7	275.6	269.0	86.0	296.2	298.4	295.4
150.9	-	-	-	-	-	-	-	-	-	-	-	-	80.0	274.1	274.8	274.1
160.8	-	-	-	-	-	-	-	-	-	-	-	-	71.7	246.9	240.3	246.9

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	196.9 ft				216.5 ft				236.2 ft				255.9 ft			
	SSL_1			SSL_2	SSL_1			SSL_2	SSL_1			SSL_2	SSL_1			SSL_2
	0 lb	0-661,500 lb			0 lb	0-661,500 lb			0 lb	0-661,500 lb			0 lb	0-661,500 lb		
	36.1-49.2 ft		55.8 ft	36.1-49.2 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft
ft					1,000 lb											
29.5	738.5	1106.7	1106.7	1106.7	-	-	-	-	-	-	-	-	-	-	-	-
32.8	659.2	1106.7	1106.7	1106.7	628.3	912.7	912.7	985.5	599.7	822.3	822.3	923.7	-	-	-	-
36.1	599.7	1106.7	1106.7	1106.7	574.3	912.7	912.7	985.5	549.0	822.3	822.3	923.7	522.5	696.7	696.7	800.3
39.4	540.1	1106.7	1106.7	1106.7	520.3	912.7	912.7	985.5	498.2	822.3	822.3	923.7	478.4	696.7	696.7	800.3
45.9	456.4	1106.7	1106.7	1106.7	438.7	912.7	912.7	985.5	423.3	822.3	822.3	923.7	407.9	696.7	696.7	800.3
52.5	392.4	989.9	1036.2	989.9	379.2	901.7	901.7	985.5	366.0	822.3	822.3	923.7	352.7	696.7	696.7	800.3
59.1	337.3	877.4	932.6	875.2	332.9	855.4	855.4	873.0	319.7	798.1	798.1	868.6	310.9	694.5	694.5	800.3
65.6	286.6	787.1	835.6	784.8	286.6	784.8	809.1	780.4	284.4	760.6	760.6	776.0	275.6	674.6	674.6	776.0
72.2	246.9	712.1	751.8	709.9	246.9	709.9	738.5	705.5	244.7	705.5	716.5	701.1	244.7	657.0	657.0	701.1
78.7	217.2	646.0	681.2	646.0	217.2	648.2	670.2	643.8	215.0	643.8	652.6	639.3	213.8	639.3	637.1	637.1
85.3	191.8	588.6	621.7	586.4	191.8	588.6	612.9	586.4	189.6	588.6	597.5	584.2	188.5	588.6	584.2	584.2
91.9	170.9	537.9	568.8	537.9	170.9	540.1	564.4	535.7	168.7	537.9	551.2	533.5	167.6	537.9	540.1	533.5
98.4	153.2	496.0	522.5	493.8	153.2	496.0	520.3	491.6	151.0	493.8	509.3	489.4	149.9	496.0	500.4	491.6
111.5	127.5	429.9	450.5	429.2	127.5	431.4	452.7	427.0	124.6	429.2	444.6	424.8	123.5	429.9	438.7	425.5
124.7	106.1	374.8	388.7	374.8	105.8	376.3	393.9	372.6	102.4	373.3	388.0	369.6	101.3	373.3	384.3	369.6
137.8	89.1	330.7	337.3	330.7	88.2	330.7	343.9	328.5	84.4	326.3	339.5	324.1	83.3	326.3	337.3	324.1
150.9	76.1	289.5	293.2	288.1	75.0	298.4	304.2	294.7	71.1	293.9	304.2	291.7	69.8	293.9	303.5	290.3
164.0	65.1	250.2	252.4	248.4	63.5	265.3	266.8	260.9	59.4	264.6	270.4	260.9	58.0	264.6	271.9	260.1
177.2	56.0	220.5	215.0	220.5	53.8	231.5	231.5	227.1	49.4	238.1	238.1	231.5	47.8	238.1	242.5	233.7
190.3	-	-	-	-	46.7	204.1	201.5	200.8	42.0	210.2	211.6	205.0	40.2	216.1	218.3	210.9
193.6	-	-	-	-	45.0	199.5	194.0	196.2	40.2	203.2	205.0	198.4	38.3	210.5	212.2	205.2
203.4	-	-	-	-	-	-	-		35.5	183.5	185.7	179.7	33.4	193.6	194.7	188.1
210.0	-	-	-	-	-	-	-	-	32.6	175.3	173.1	172.0	30.5	182.2	183.4	176.7
216.5	-	-	-	-	-	-	-	-	-	-	-	-	27.6	170.9	172.0	165.3
229.7	-	-	-	-	-	-	-	-	-	-	-	-	22.9	153.2	151.0	149.9

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	275.6 ft				295.3 ft				315.0 ft			334.6 ft			354.3 ft		
	SSL_1			SSL_2	SSL_1		SSL_2		SSL_1			SSL_2					
	0 lb	0-661,500 lb			0 lb	0-661,500 lb			0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb	
	36.1-49.2 ft		55.8 ft		36.1-49.2 ft			55.8 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft		55.8 ft	36.1-49.2 ft		55.8 ft
ft	1,000 lb																
36.1	500.4	619.5	619.5	734.1	-	-	-	-	-	-	-	-	-	-	-	-	-
39.4	458.6	619.5	619.5	734.1	440.9	524.7	637.1	634.9	423.3	458.6	560.0	557.8	-	-	-	-	-	-
42.7	425.5	619.5	619.5	731.9	409.0	524.7	636.0	634.9	393.5	458.6	558.9	556.7	374.8	480.6	482.8	359.4	421.1	421.1
45.9	392.4	619.5	619.5	731.9	377.0	524.7	634.9	634.9	363.8	458.6	557.8	555.6	348.3	480.6	480.6	335.1	421.1	421.1
52.5	339.5	619.5	619.5	731.9	328.5	524.7	632.7	632.7	317.5	458.6	551.2	551.2	302.0	474.0	474.0	291.0	416.7	416.7
59.1	297.6	619.5	619.5	731.9	288.8	524.7	630.5	630.5	277.8	458.6	546.7	546.7	266.8	467.4	469.6	255.7	412.3	412.3
65.6	264.6	612.9	612.9	709.9	255.7	522.5	628.3	628.3	246.9	458.6	542.3	544.5	235.9	463.0	465.2	227.1	405.7	407.9
72.2	235.9	597.5	597.5	672.4	229.3	513.7	604.1	612.9	220.5	451.9	533.5	537.9	211.6	458.6	458.6	202.8	401.2	403.4
78.7	211.6	584.2	584.2	619.5	207.2	504.9	582.0	595.2	199.5	443.1	520.3	529.1	189.6	447.5	447.5	181.9	394.6	396.8
85.3	186.3	571.0	566.6	566.6	186.3	496.0	553.4	546.7	179.7	434.3	509.3	520.3	170.9	436.5	436.5	164.2	383.6	385.8
91.9	165.3	529.1	524.7	522.5	165.3	485.0	509.3	504.9	163.1	425.5	496.0	489.4	155.4	425.5	425.5	147.7	374.8	374.8
98.4	147.7	489.4	485.0	482.8	147.7	467.4	471.8	467.4	145.5	416.7	458.6	454.2	140.0	414.5	416.7	134.5	363.8	363.8
111.5	121.5	426.2	426.2	421.1	121.4	417.4	414.5	410.1	119.2	388.7	402.7	398.3	112.8	382.1	379.9	109.2	343.2	343.2
124.7	99.1	371.8	374.8	366.7	98.8	370.4	363.8	360.8	96.4	357.1	354.2	350.5	89.6	346.1	341.7	86.9	321.1	320.4
137.8	80.2	326.3	330.7	319.7	79.8	326.3	319.7	319.7	77.2	321.9	313.1	310.9	70.3	306.4	302.0	67.7	297.6	295.4
150.9	66.6	291.0	296.9	285.9	66.0	292.5	285.9	287.3	63.3	289.5	280.7	278.5	56.4	275.6	272.6	53.7	268.2	266.0
164.0	54.6	260.9	266.8	256.5	53.9	261.6	255.7	258.7	51.2	259.4	252.1	250.6	44.2	247.7	246.2	41.4	241.8	239.6
177.2	44.3	235.9	240.3	231.5	43.7	233.7	229.3	233.7	40.8	231.5	227.1	227.1	33.7	222.7	222.7	30.9	218.3	216.1
190.3	36.5	214.6	217.5	210.2	35.6	213.1	208.7	211.6	32.7	210.9	206.5	207.2	25.6	202.8	202.8	22.8	198.4	196.9
203.4	29.6	194.0	195.8	189.2	28.4	194.4	189.6	191.1	25.5	192.2	187.4	188.1	18.4	184.8	184.8	15.4	180.8	179.7
210.0	26.6	184.1	185.6	178.9	25.4	185.9	180.8	181.5	22.3	183.7	178.6	178.9	15.3	176.7	176.7	12.1	173.1	172.0
216.5	23.6	174.2	175.3	168.7	22.3	177.5	172.0	172.0	19.2	175.3	169.8	169.8	12.1	168.7	168.7	-	165.3	164.2
229.7	18.9	155.1	156.9	149.5	17.3	160.6	154.3	154.3	14.0	159.8	153.4	154.1	-	153.2	154.0	-	150.6	150.3
236.2	16.5	145.5	147.7	140.0	14.8	152.1	145.5	146.6	11.5	152.1	145.5	146.6	-	145.5	146.6	-	143.3	143.3
242.8	14.6	138.5	138.2	134.8	12.6	143.3	137.4	138.5	-	144.8	138.2	139.3	-	138.9	139.6	-	136.7	136.7
246.1	13.7	135.6	133.4	132.3	11.5	138.9	133.4	134.5	-	141.1	134.5	135.6	-	135.6	136.1	-	133.4	133.4
255.9	-	-	-	-	-	126.8	122.4	122.4	-	130.1	123.5	124.6	-	125.7	125.7	-	123.5	123.5
262.5	-	-	-	-	-	-	117.9	114.6	-	122.9	116.7	117.8	-	119.4	119.6	-	117.7	117.9
269.0	-	-	-	-	-	-	-	-	-	115.7	110.7	111.0	-	113.2	113.6	-	112.0	112.3
278.9	-	-	-	-	-	-	-	-	-	-	104.1	101.0	-	103.8	104.6	-	103.5	104.1
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	100.8	101.7	-	100.8	101.3
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	92.6	89.7	-	89.7	90.4
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81.1	79.8
315.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.4	74.5

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	118.1 ft		137.8 ft		157.5 ft		177.2 ft		196.9 ft		216.5 ft		236.2 ft		
	LSL_2														
	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	
ft							1,000 lb								ft
26.2	-	-	637.1	643.8	637.1	643.8	637.1	646.0	-	-	-	-	-	-	26.2
29.5	639.3	643.8	637.1	643.8	637.1	643.8	637.1	646.0	637.1	641.5	634.9	641.5	-	-	29.5
32.8	639.3	643.8	637.1	643.8	637.1	643.8	637.1	646.0	637.1	641.5	630.5	641.5	608.5	634.9	32.8
39.4	639.3	643.8	626.1	643.8	599.7	643.8	573.2	646.0	549.0	641.5	526.9	641.5	507.1	634.9	39.4
45.9	522.5	643.8	520.3	643.8	502.7	643.8	482.8	646.0	465.2	641.5	447.5	641.5	432.1	634.9	45.9
52.5	427.7	643.8	425.5	643.8	423.3	643.8	416.7	646.0	401.2	641.5	388.0	641.5	374.8	634.9	52.5
59.1	359.4	643.8	357.1	643.8	354.9	641.5	352.7	641.5	350.5	641.5	339.5	641.5	328.5	634.9	59.1
65.6	310.9	643.8	308.6	639.3	304.2	641.5	302.0	637.1	299.8	632.7	297.6	641.5	293.2	634.9	65.6
72.2	271.2	639.3	269.0	619.5	266.8	641.5	264.6	634.9	260.1	619.5	257.9	626.1	255.7	632.7	72.2
78.7	240.3	595.2	238.1	599.7	235.9	608.5	233.7	632.7	229.3	606.3	227.1	601.9	224.9	612.9	78.7
85.3	216.1	549.0	213.8	571.0	211.6	573.2	208.3	601.9	206.1	593.0	202.8	579.8	200.6	584.2	85.3
91.9	196.2	502.7	192.9	531.3	190.7	535.7	187.4	557.8	185.2	555.6	181.9	551.2	179.7	551.2	91.9
98.4	178.6	451.9	175.3	489.4	173.1	502.7	169.8	513.7	167.6	511.5	163.1	509.3	162.0	507.1	98.4
108.3	157.6	388.0	156.0	431.0	153.8	454.2	149.9	465.2	147.7	461.9	143.9	459.7	142.2	457.5	108.3
111.5	-	-	149.5	411.5	147.3	438.0	143.3	449.0	141.1	445.3	137.4	443.1	135.6	440.9	111.5
124.7	-	-	127.9	343.9	125.8	374.8	121.6	391.0	119.2	390.2	115.7	387.3	113.5	385.1	124.7
137.8	-	-	-	-	108.5	315.3	104.7	339.5	101.9	346.1	98.1	341.7	95.9	339.5	137.8
141.1	-	-	-	-	104.9	304.2	101.6	327.0	98.7	336.2	94.9	333.3	92.7	331.1	141.1
150.9	-	-	-	-	-	-	92.2	289.5	89.2	306.4	85.5	307.9	83.1	305.7	150.9
160.8	-	-	-	-	-	-	83.6	262.4	80.6	276.7	76.7	282.9	74.2	282.2	160.8
164.0	-	-	-	-	-	-	-	-	78.3	266.8	74.3	274.8	71.7	275.6	164.0
177.2	-	-	-	-	-	-	-	-	69.2	235.9	64.6	242.5	61.5	249.1	177.2
190.3	-	-	-	-	-	-	-	-	-	-	57.0	213.0	54.0	223.4	190.3
193.6	-	-	-	-	-	-	-	-	-	-	55.1	208.3	52.1	217.0	193.6
203.4	-	-	-	-	-	-	-	-	-	-	-	-	47.2	197.3	203.4
210.0	-	-	-	-	-	-	-	-	-	-	-	-	44.1	185.2	210.0

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	255.9 ft			275.6 ft			295.3 ft			315.0 ft			334.6 ft			354.3 ft		
	LSL_2		LSL_3	LSL_2		LSL_3	LSL_2		LSL_3	LSL_2		LSL_3	LSL_2		LSL_3	LSL_2		LSL_3
	0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb	
ft							1,000 lb											
32.8	582.0	628.3	599.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.1	533.5	628.3	599.7	509.3	599.7	582.0	-	-	-	-	-	-	-	-	-	-	-	-
39.4	485.0	628.3	599.7	467.4	599.7	582.0	449.7	546.7	551.2	434.3	474.0	496.0	-	-	-	-	-	-
42.7	449.7	628.3	599.7	434.3	599.7	582.0	417.8	546.7	551.2	403.4	472.9	493.8	381.4	399.0	449.7	324.1	337.3	403.4
45.9	414.5	628.3	599.7	401.2	599.7	582.0	385.8	546.7	551.2	372.6	471.8	491.6	361.6	399.0	447.5	324.1	337.3	403.4
52.5	361.6	628.3	599.7	348.3	599.7	582.0	337.3	546.7	551.2	326.3	469.6	485.0	315.3	394.6	438.7	306.4	330.7	399.0
59.1	317.5	626.1	597.5	308.6	599.7	582.0	297.6	546.7	551.2	288.8	467.4	478.4	280.0	392.4	432.1	271.2	324.1	396.8
65.6	282.2	623.9	595.2	273.4	593.0	577.6	264.6	542.3	549.0	257.9	465.2	474.0	249.1	388.0	425.5	242.5	319.7	394.6
72.2	253.5	623.9	595.2	246.9	586.4	573.2	238.1	531.3	531.3	231.5	460.8	463.0	224.9	383.6	418.9	218.3	313.1	394.6
78.7	222.7	621.7	595.2	220.5	582.0	568.8	215.0	518.1	520.3	209.4	451.9	451.9	203.9	379.2	407.9	197.3	306.4	390.2
85.3	197.3	595.2	566.6	196.2	577.6	566.6	192.9	507.1	507.1	190.7	445.3	440.9	185.2	374.8	396.8	179.7	299.8	383.6
91.9	176.4	546.7	533.5	174.2	542.3	535.7	172.0	493.8	493.8	173.1	438.7	429.9	169.8	370.4	385.8	164.2	293.2	374.8
98.4	158.7	502.7	502.7	156.5	502.7	502.7	153.2	467.4	469.6	154.3	427.7	414.5	154.3	366.0	374.8	149.9	286.6	368.2
111.5	132.3	436.5	438.0	130.1	436.5	436.5	126.8	420.3	422.6	127.9	392.4	380.7	127.9	342.5	346.9	125.7	273.4	345.4
124.7	110.1	380.7	382.1	108.2	380.7	379.9	104.6	374.8	376.3	105.7	358.6	348.3	105.4	318.9	319.7	104.4	261.6	321.9
137.8	92.2	335.1	335.1	90.8	335.1	332.9	86.9	330.7	330.7	87.7	326.3	317.5	86.9	295.4	293.2	86.2	251.3	295.4
150.9	78.9	302.8	301.3	77.2	299.8	299.1	73.2	296.9	295.4	73.9	295.4	289.5	72.9	273.4	268.2	72.2	238.1	272.6
164.0	67.2	272.6	268.2	65.3	269.7	269.0	61.2	266.8	264.6	61.8	266.8	263.1	60.7	253.5	244.7	60.0	226.3	251.3
177.2	57.1	244.7	235.9	55.1	244.7	242.5	50.9	240.3	238.1	51.4	240.3	238.1	50.3	235.9	222.7	49.4	216.1	229.3
190.3	49.3	224.9	212.4	47.2	223.4	216.8	43.0	219.7	218.3	43.3	219.7	216.8	42.2	217.5	203.6	41.2	205.0	210.9
203.4	42.5	203.6	192.2	40.1	203.9	194.0	35.9	201.0	199.2	36.1	200.6	196.2	34.9	199.9	184.8	33.8	193.6	193.3
216.5	36.6	180.8	175.3	34.0	186.3	174.2	29.5	184.1	180.8	29.8	183.0	176.4	28.4	183.0	166.4	27.3	181.9	176.4
226.4	32.8	164.2	164.2	30.4	172.0	164.8	25.9	172.0	168.1	25.9	171.4	164.2	24.5	172.5	154.9	23.3	171.4	165.9
229.7	-	-	-	29.2	167.2	161.7	24.7	167.9	163.9	24.6	167.6	160.2	23.1	169.0	151.0	21.9	167.9	162.4
242.8	-	-	-	24.8	148.1	146.6	20.4	151.8	148.1	20.0	153.6	145.1	18.4	156.2	136.7	17.0	155.1	148.8
246.1	-	-	-	23.8	144.4	142.2	19.4	147.7	144.4	19.0	150.5	141.6	17.3	153.2	133.4	16.0	152.1	145.5
255.9	-	-	-	-	-	-	16.5	135.6	133.4	15.9	141.1	131.2	14.1	144.4	123.5	12.8	143.3	135.6
262.5	-	-	-	-	-	-	14.8	129.0	126.8	14.2	127.1	125.7	12.3	137.8	118.5	10.9	136.7	129.7
269.0	-	-	-	-	-	-	-	-	-	12.5	113.2	121.3	10.6	131.2	113.6	9.0	130.1	123.8
275.6	-	-	-	-	-	-	-	-	-	10.8	105.2	116.8	8.8	124.6	108.7	-	124.6	117.9
278.9	-	-	-	-	-	-	-	-	-	10.1	103.2	114.6	-	121.5	106.7	-	122.2	115.2
282.2	-	-	-	-	-	-	-	-	-	-	-	-	-	118.5	104.8	-	119.8	112.5
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	106.5	97.0	-	110.2	101.6
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99.1	90.9
311.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96.3	88.6

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	374.0 ft			393.7 ft			413.4 ft			433.1 ft			452.8 ft			
	LSL_2		LSL_3	LSL_2		LSL_3	LSL_2		LSL_3	LSL_2		LSL_3	LSL_2		LSL_3	
	0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		0 lb	0-661,500 lb		
ft							1,000 lb									ft
45.9	284.4	295.4	357.1	262.4	269.0	321.9	-	-	-	-	-	-	-	-	-	45.9
49.2	281.1	293.2	356.0	260.1	267.9	321.9	233.7	240.3	284.4	202.8	211.6	257.9	-	-	-	49.2
52.5	277.8	291.0	354.9	257.9	266.8	321.9	233.7	240.3	284.4	202.8	211.6	257.9	174.2	180.8	227.1	52.5
59.1	264.6	288.8	352.7	253.5	264.6	319.7	229.3	238.1	282.2	198.4	209.4	255.7	169.8	176.4	224.9	59.1
65.6	235.9	284.4	350.5	229.3	260.1	317.5	222.7	238.1	280.0	194.0	207.2	253.5	163.1	174.2	222.7	65.6
72.2	212.7	280.0	348.3	208.3	257.9	315.3	201.7	235.9	277.8	191.8	205.0	251.3	158.7	172.0	220.5	72.2
78.7	192.9	277.8	346.1	188.5	253.5	313.1	183.0	233.7	275.6	176.4	202.8	249.1	154.3	169.8	218.3	78.7
85.3	175.3	273.4	341.7	170.9	251.3	310.9	166.4	231.5	273.4	160.9	200.6	246.9	152.1	165.3	216.1	85.3
91.9	159.8	269.0	339.5	156.5	246.9	308.6	152.1	229.3	273.4	146.6	198.4	244.7	142.2	163.1	213.8	91.9
98.4	146.6	264.6	335.1	143.3	244.7	304.2	138.9	227.1	271.2	134.5	196.2	242.5	130.1	160.9	210.5	98.4
111.5	123.8	257.2	321.9	122.0	235.9	298.4	118.6	222.7	266.8	114.3	192.5	238.1	110.4	155.8	206.1	111.5
124.7	103.1	248.4	304.2	102.7	227.8	285.1	100.2	218.3	258.7	96.5	189.6	232.2	93.2	150.6	201.4	124.7
137.8	84.4	238.1	282.2	85.3	220.5	266.8	83.6	213.8	246.9	80.9	187.4	224.9	78.5	145.5	196.2	137.8
150.9	70.3	227.8	261.6	71.4	213.1	249.1	69.4	207.2	232.2	66.9	183.7	213.1	64.8	139.6	188.1	150.9
164.0	58.1	218.3	241.8	59.1	205.8	232.2	57.1	200.6	218.3	54.6	180.0	201.7	52.6	133.7	180.0	164.0
177.2	47.6	209.4	222.7	48.5	198.4	216.1	46.5	194.0	205.0	43.9	176.4	190.7	41.9	127.9	172.0	177.2
190.3	39.4	199.9	203.6	40.1	189.6	198.4	38.3	187.4	189.6	35.6	171.2	180.4	33.7	121.3	163.9	190.3
203.4	32.0	190.3	185.9	32.6	181.5	181.5	30.9	180.8	174.2	28.1	166.1	168.1	26.2	114.6	156.5	203.4
216.5	25.4	180.8	169.8	26.0	174.2	165.3	24.3	174.2	158.7	21.4	160.9	154.3	19.4	108.0	146.6	216.5
229.7	19.9	166.8	156.5	20.7	163.9	152.5	18.8	161.7	145.5	15.9	153.6	141.8	14.0	100.7	134.1	229.7
242.8	15.1	154.0	143.7	15.8	152.9	140.7	13.8	149.9	133.7	10.9	144.8	130.4	8.8	92.6	122.7	242.8
246.1	14.0	151.0	140.5	14.7	149.9	137.8	12.7	147.2	131.2	9.7	142.2	127.9	-	90.9	120.2	246.1
255.9	10.8	142.2	131.2	11.2	141.1	129.0	9.3	138.9	123.5	-	134.5	120.2	-	86.0	112.4	255.9
259.2	9.7	140.0	128.4	10.3	138.3	126.2	-	136.5	120.9	-	132.1	117.6	-	84.3	110.0	259.2
262.5	-	137.1	125.7	9.3	135.6	123.5	-	134.1	118.4	-	129.7	115.1	-	82.6	107.9	262.5
269.0	-	131.4	120.2	-	130.1	117.9	-	129.3	113.3	-	124.9	110.0	-	79.2	103.7	269.0
282.2	-	120.5	109.7	-	119.8	107.9	-	119.8	103.6	-	116.1	100.7	-	74.7	95.1	282.2
295.3	-	110.2	99.9	-	110.2	98.5	-	110.2	94.4	-	108.0	91.7	-	72.5	86.4	295.3
308.4	-	100.8	89.9	-	102.7	89.4	-	101.4	85.8	-	99.2	83.5	-	70.3	78.6	308.4
321.5	-	91.2	80.3	-	94.7	80.5	-	93.3	77.5	-	90.8	75.5	-	68.0	71.1	321.5
331.4	-	84.4	76.1	-	88.3	74.0	-	87.7	71.5	-	85.5	69.8	-	66.3	65.7	331.4
334.6	-	-	-	-	86.2	72.1	-	86.0	69.4	-	83.8	67.9	-	65.7	63.9	334.6
347.8	-	-	-	-	77.4	66.4	-	77.9	62.2	-	77.2	60.7	-	63.5	57.0	347.8
360.9	-	-	-	-	-	-	-	65.8	56.4	-	70.3	54.0	-	61.3	50.3	360.9
364.2	-	-	-	-	-	-	-	61.7	54.9	-	68.6	52.7	-	60.7	48.7	364.2
374.0	-	-	-	-	-	-	-	-	-	-	63.3	48.7	-	59.1	44.8	374.0
380.6	-	-	-	-	-	-	-	-	-	-	59.7	45.4	-	57.9	42.0	380.6
387.1	-	-	-	-	-	-	-	-	-	-	-	-	-	56.1	39.3	387.1
397.0	-	-	-	-	-	-	-	-	-	-	-	-	-	52.0	35.1	397.0

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

FIXED FLY JIB

334.6 ft
315.0 ft
295.3 ft
275.6 ft
255.9 ft
236.2 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
118.1 ft
98.4 ft
78.7 ft
118.1 ft
78.7 ft
39.4 ft
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 ft
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400 416 432 448 464 480 496

+ 132,300 lb | 39.4 -118.1 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	98.4 ft									118.1 ft									
	SH+LF_1																		
	39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft			
	10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°	
ft	1,000 lb																		ft
29.5	275.6	-	-	-	-	-	-	-	-	275.6	-	-	-	-	-	-	-	-	29.5
32.8	275.6	231.5	-	-	-	-	-	-	-	275.6	238.1	-	-	-	-	-	-	-	32.8
36.1	266.8	218.3	179.7	-	-	-	-	-	-	275.6	226.5	184.1	-	-	-	-	-	-	36.1
39.4	257.9	205.0	169.8	152.1	-	-	-	-	-	275.6	215.0	176.4	148.8	-	-	-	-	-	39.4
45.9	227.1	183.0	154.3	138.9	-	-	-	-	-	244.7	194.0	160.9	143.3	-	-	-	-	-	45.9
49.2	214.4	174.7	147.7	131.2	-	-	89.3	-	-	232.0	185.2	154.9	136.7	-	-	89.5	-	-	49.2
52.5	201.7	166.4	141.1	123.5	86.6	-	89.3	-	-	219.4	176.4	148.8	130.1	85.1	-	89.5	-	-	52.5
59.1	181.9	152.1	130.1	112.4	79.6	-	86.0	-	-	198.4	162.0	137.8	117.9	82.0	-	87.1	-	-	59.1
62.3	173.6	146.1	125.7	107.5	76.6	53.6	82.7	-	-	189.6	156.0	133.4	113.5	79.0	-	84.5	-	-	62.3
65.6	165.3	140.0	121.3	102.5	73.6	52.0	79.4	-	-	180.8	149.9	129.0	109.1	76.1	52.7	82.0	-	-	65.6
68.9	158.7	135.0	117.4	98.1	71.0	50.5	76.3	52.2	-	173.6	145.0	125.1	104.4	73.6	51.3	79.0	53.1	-	68.9
72.2	152.1	130.1	113.5	93.7	68.3	48.9	73.2	52.2	-	166.4	140.0	121.3	99.6	71.2	49.8	76.1	53.1	-	72.2
78.7	140.0	121.3	107.1	86.2	63.9	46.3	67.5	48.7	-	154.3	131.2	113.5	92.6	66.8	47.4	70.8	49.8	-	78.7
85.3	130.1	113.5	101.2	79.8	60.0	43.9	61.9	45.6	31.7	143.3	123.5	108.5	86.0	62.8	45.0	65.7	47.0	-	85.3
88.6	126.2	110.5	98.7	77.1	58.2	42.8	60.1	44.4	31.3	138.9	119.6	105.7	83.1	61.1	44.0	63.4	45.6	32.2	88.6
91.9	122.4	107.4	96.1	74.3	56.4	41.7	58.2	43.2	30.9	134.5	115.7	103.0	80.2	59.3	43.0	61.1	44.3	31.3	91.9
98.4	114.6	101.9	91.5	69.4	53.4	39.7	54.2	40.6	29.3	126.8	110.2	98.3	75.2	56.2	41.0	57.8	42.1	29.8	98.4
111.5	103.0	92.4	84.2	61.5	48.1	36.6	47.6	36.2	26.5	113.5	100.5	90.4	66.6	50.9	37.9	50.7	37.9	27.1	111.5
124.7	93.7	85.5	78.7	55.1	43.9	34.0	42.3	32.6	24.0	103.4	92.6	84.0	60.0	46.7	35.3	45.2	34.2	24.9	124.7
128.0	91.9	84.2	-	53.8	43.0	33.5	41.2	31.9	23.6	101.3	91.0	82.8	58.6	45.9	34.7	44.1	33.5	24.4	128.0
131.2	-	82.9	-	52.6	42.2	33.0	40.1	31.2	23.1	99.2	89.4	81.7	57.2	45.0	34.2	43.0	32.7	23.9	131.2
137.8	-	-	-	50.0	40.6	32.0	37.9	29.8	22.3	95.0	86.2	79.4	54.5	43.2	33.1	40.8	31.3	22.9	137.8
141.1	-	-	-	49.1	39.9	31.6	37.0	29.2	21.8	93.4	85.0	78.3	53.4	42.5	32.7	39.8	30.7	22.5	141.1
144.4	-	-	-	48.1	39.2	31.2	36.2	28.5	21.4	91.7	83.8	-	52.2	41.8	32.3	38.9	30.1	22.2	144.4
147.6	-	-	-	47.1	38.6	30.8	35.3	27.9	20.9	-	82.7	-	51.1	41.1	31.9	38.0	29.5	21.8	147.6
150.9	-	-	-	46.1	37.9	30.4	34.4	27.3	20.5	-	-	-	50.0	40.3	31.5	37.0	28.9	21.4	150.9
164.0	-	-	-	42.8	35.9	-	31.5	25.1	19.2	-	-	-	46.3	37.9	30.2	34.0	26.7	20.1	164.0
167.3	-	-	-	-	-	-	30.9	24.7	19.0	-	-	-	45.5	37.5	30.0	33.3	26.2	19.8	167.3
177.2	-	-	-	-	-	-	29.1	23.6	18.3	-	-	-	43.2	36.2	-	31.3	24.9	19.0	177.2
180.4	-	-	-	-	-	-	28.6	23.3	18.1	-	-	-	42.5	35.7	-	30.8	24.5	18.7	180.4
183.7	-	-	-	-	-	-	28.1	22.9	17.9	-	-	-	41.9	-	-	30.2	24.1	18.4	183.7
190.3	-	-	-	-	-	-	27.1	22.3	17.4	-	-	-	-	-	-	29.1	23.4	17.9	190.3
200.1	-	-	-	-	-	-	25.8	21.4	-	-	-	-	-	-	-	27.6	22.5	17.4	200.1
203.4	-	-	-	-	-	-	25.4	-	-	-	-	-	-	-	-	27.1	22.3	17.2	203.4
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.6	21.2	-	216.5
219.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.4	-	-	219.8

352,800 lb | 396,900 lb

+ 132,300 lb | 39.4 -118.1 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	157.5 ft									177.2 ft									
	SH+LF_1																		
	39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft			
	10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°	
ft	1,000 lb																		ft
32.8	275.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.8
36.1	275.6	240.3	-	-	-	-	-	-	-	275.6	-	-	-	-	-	-	-	-	36.1
39.4	275.6	229.3	177.5	-	-	-	-	-	-	275.6	235.9	-	-	-	-	-	-	-	39.4
42.7	275.6	219.9	174.2	147.7	-	-	-	-	-	275.6	227.1	179.7	-	-	-	-	-	-	42.7
45.9	275.6	210.5	170.9	147.7	-	-	-	-	-	275.6	218.3	174.2	145.5	-	-	-	-	-	45.9
52.5	249.1	194.0	159.8	138.9	-	-	88.6	-	-	260.1	201.7	164.2	141.1	-	-	-	-	-	52.5
55.8	238.1	186.8	154.9	133.4	85.3	-	88.2	-	-	249.1	194.6	159.3	136.7	-	-	87.7	-	-	55.8
59.1	227.1	179.7	149.9	127.9	85.3	-	87.7	-	-	238.1	187.4	154.3	132.3	84.0	-	87.7	-	-	59.1
65.6	208.3	167.6	141.1	117.9	80.0	-	85.8	-	-	220.5	175.3	145.5	122.4	81.6	-	85.8	-	-	65.6
68.9	200.6	162.6	137.2	114.1	77.8	52.5	83.3	-	-	212.7	169.8	141.6	118.5	79.5	52.9	84.3	-	-	68.9
72.2	192.9	157.6	133.4	110.2	75.6	51.1	80.9	53.1	-	205.0	164.2	137.8	114.6	77.4	51.6	82.9	-	-	72.2
75.5	186.3	152.7	130.1	106.6	73.5	50.0	78.3	52.4	-	197.9	159.8	134.5	111.1	75.3	50.5	80.5	52.2	-	75.5
78.7	179.7	147.7	126.8	103.0	71.4	48.9	75.6	51.6	-	190.7	155.4	131.2	107.6	73.2	49.4	78.0	52.2	-	78.7
85.3	167.6	140.0	120.2	96.1	67.5	46.7	71.2	48.9	-	178.6	146.6	125.7	100.8	69.7	47.4	73.4	49.6	-	85.3
91.9	157.6	132.3	114.6	90.8	64.2	45.0	67.0	46.5	31.3	168.7	140.0	120.2	94.8	66.1	45.6	69.4	47.4	31.5	91.9
98.4	148.8	125.7	110.0	85.3	61.1	43.2	62.6	44.3	30.6	152.1	133.4	114.6	89.9	63.3	43.9	65.5	45.2	30.9	98.4
111.5	129.0	114.6	101.4	76.1	55.8	40.1	56.7	40.3	28.0	126.8	121.3	106.3	80.5	58.0	41.0	58.9	41.4	28.4	111.5
124.7	109.3	106.0	94.1	68.8	51.4	37.5	50.9	37.0	26.0	106.9	107.8	99.0	72.8	53.4	38.4	53.6	38.1	26.5	124.7
137.8	93.7	94.4	88.4	62.6	47.6	35.3	46.1	34.0	24.0	91.5	92.2	92.6	66.4	49.6	36.2	48.5	35.3	24.7	137.8
150.9	81.1	81.8	82.0	57.5	44.5	33.5	41.9	31.5	22.5	78.9	79.4	79.8	61.1	46.5	34.4	44.3	32.6	23.1	150.9
164.0	71.0	71.4	71.7	53.1	41.9	32.0	38.6	29.3	21.2	68.6	69.0	69.4	56.7	43.7	32.8	40.8	30.4	21.8	164.0
173.9	64.7	65.0	65.0	50.5	40.2	31.0	36.4	27.8	20.3	61.9	62.4	62.8	53.7	41.8	31.9	38.5	28.9	20.8	173.9
177.2	62.6	62.8	-	49.6	39.7	30.6	35.7	27.3	20.1	59.7	60.2	60.6	52.7	41.2	31.5	37.7	28.4	20.5	177.2
180.4	60.6	60.8	-	48.8	39.2	30.4	35.1	27.0	19.8	57.8	58.3	58.6	51.9	40.7	31.3	37.0	28.0	20.3	180.4
190.3	-	-	-	46.5	37.7	29.8	33.1	25.8	19.2	52.0	52.5	52.7	49.4	39.2	30.4	35.1	26.7	19.6	190.3
193.6	-	-	-	45.9	37.3	29.5	32.5	25.4	19.0	50.4	50.7	-	48.7	38.9	30.2	34.5	26.3	19.4	193.6
196.9	-	-	-	45.2	36.9	-	32.0	25.0	18.7	48.7	48.9	-	48.0	38.5	30.0	34.0	26.0	19.2	196.9
203.4	-	-	-	43.9	36.2	-	30.9	24.3	18.3	-	-	-	46.5	37.7	29.5	32.8	25.4	18.7	203.4
206.7	-	-	-	43.4	35.9	-	30.4	24.0	18.1	-	-	-	45.9	37.3	29.3	32.4	25.0	18.5	206.7
213.3	-	-	-	42.4	35.3	-	29.5	23.4	17.8	-	-	-	44.7	36.5	-	31.4	24.4	18.1	213.3
216.5	-	-	-	41.9	-	-	29.1	23.1	17.6	-	-	-	44.1	36.2	-	30.9	24.0	17.9	216.5
229.7	-	-	-	-	-	-	27.3	22.0	17.0	-	-	-	40.1	35.1	-	29.1	22.9	17.4	229.7
232.9	-	-	-	-	-	-	27.0	21.8	17.0	-	-	-	39.0	-	-	28.7	22.7	17.3	232.9
242.8	-	-	-	-	-	-	26.0	21.2	-	-	-	-	-	-	-	27.6	22.0	17.0	242.8
246.1	-	-	-	-	-	-	25.7	21.1	-	-	-	-	-	-	-	27.2	21.8	16.8	246.1
249.3	-	-	-	-	-	-	25.4	20.9	-	-	-	-	-	-	-	26.9	21.6	-	249.3
252.6	-	-	-	-	-	-	25.1	-	-	-	-	-	-	-	-	26.6	21.4	-	252.6
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2	21.2	-	255.9
265.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.4	20.7	-	265.7
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.1	-	-	269.0
272.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.9	-	-	272.3

352,800 lb | 396,900 lb

+ 132,300 lb | 39.4 -118.1 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	196.9 ft									216.5 ft									
	SH+LF_1																		
	39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft			
	10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°	
ft	1,000 lb																		ft
36.1	275.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.1
39.4	275.6	238.1	-	-	-	-	-	-	-	275.6	-	-	-	-	-	-	-	-	39.4
42.7	275.6	230.4	177.5	-	-	-	-	-	-	275.6	233.7	-	-	-	-	-	-	-	42.7
45.9	275.6	222.7	177.5	146.6	-	-	-	-	-	275.6	229.3	174.2	-	-	-	-	-	-	45.9
49.2	274.5	215.5	172.5	144.4	-	-	-	-	-	275.6	221.6	172.0	140.0	-	-	-	-	-	49.2
52.5	273.4	208.3	167.6	142.2	-	-	-	-	-	275.6	213.8	169.8	140.0	-	-	-	-	-	52.5
59.1	251.3	194.0	158.7	134.5	84.9	-	86.6	-	-	262.4	200.6	162.0	135.6	-	-	86.0	-	-	59.1
62.3	241.4	187.9	154.3	130.6	83.9	-	86.2	-	-	252.4	194.6	158.2	133.4	83.8	-	85.6	-	-	62.3
65.6	231.5	181.9	149.9	126.8	82.9	-	85.8	-	-	242.5	188.5	154.3	131.2	83.8	-	85.3	-	-	65.6
72.2	216.1	172.0	143.3	117.9	78.7	52.0	84.2	-	-	224.9	177.5	146.6	122.4	79.8	52.2	84.0	-	-	72.2
75.5	208.9	167.0	139.4	114.6	76.8	51.0	82.0	52.9	-	216.1	173.1	143.3	119.0	78.0	51.3	82.7	-	-	75.5
78.7	201.7	162.0	135.6	111.3	75.0	50.0	79.8	52.9	-	207.2	168.7	140.0	115.7	76.3	50.3	81.4	52.0	-	78.7
85.3	185.2	153.2	130.1	105.2	71.4	48.1	75.2	50.5	-	184.1	159.8	134.5	109.8	73.0	48.5	77.2	50.9	-	85.3
91.9	166.4	146.6	124.6	98.5	68.1	46.3	71.4	48.1	-	164.2	152.1	129.0	103.8	69.7	46.7	73.0	48.7	-	91.9
95.1	158.2	142.7	121.8	96.1	66.6	45.4	69.6	47.1	31.3	156.0	148.8	126.2	100.8	68.2	46.0	71.3	47.7	31.5	95.1
98.4	149.9	138.9	119.0	93.7	65.0	44.5	67.7	46.1	31.1	147.7	145.5	123.5	97.7	66.8	45.2	69.7	46.7	31.3	98.4
111.5	123.5	124.6	110.2	84.7	59.7	41.7	60.4	42.5	28.7	121.3	122.4	114.6	88.6	61.5	42.3	62.8	43.2	29.1	111.5
124.7	104.1	104.9	103.2	76.7	55.3	39.2	56.0	39.2	26.7	102.3	103.2	104.1	80.5	57.1	39.9	57.8	40.1	27.1	124.7
137.8	88.4	89.1	89.7	70.1	51.6	37.0	50.9	36.4	25.1	86.4	87.3	88.2	73.6	53.1	37.9	53.1	37.3	25.4	137.8
150.9	75.6	76.3	76.9	64.6	48.3	35.3	46.5	33.7	23.6	73.9	74.5	75.2	67.9	49.8	35.9	48.7	34.6	24.0	150.9
164.0	65.0	65.7	66.4	59.7	45.4	33.5	42.8	31.5	22.3	62.8	63.5	64.2	63.1	47.0	34.4	45.0	32.4	22.7	164.0
177.2	56.0	56.4	56.9	55.8	43.0	32.2	39.7	29.5	20.9	53.6	54.2	54.9	58.6	44.5	32.8	41.7	30.4	21.4	177.2
190.3	48.3	48.7	48.9	52.2	40.8	31.1	37.0	27.8	20.1	45.9	46.3	46.7	52.5	42.3	31.7	38.8	28.7	20.5	190.3
203.4	41.7	41.9	42.3	47.8	39.0	30.0	34.6	26.2	19.2	39.2	39.7	40.1	45.6	40.3	30.6	36.4	27.1	19.6	203.4
206.7	40.2	40.5	40.8	46.4	38.6	29.8	34.1	25.9	19.0	37.8	38.3	38.6	44.1	40.0	30.4	35.8	26.8	19.4	206.7
213.3	37.3	37.8	-	43.4	37.9	29.5	33.0	25.2	18.5	34.9	35.4	35.7	41.2	39.2	30.0	34.7	26.1	19.0	213.3
216.5	-	36.4	-	41.9	37.5	29.3	32.4	24.9	18.3	33.5	34.0	34.2	39.7	38.8	29.8	34.2	25.8	18.7	216.5
223.1	-	-	-	39.2	36.8	29.1	31.5	24.4	18.0	31.1	31.4	31.5	37.0	37.3	29.4	33.2	25.2	18.4	223.1
229.7	-	-	-	36.6	36.2	-	30.6	23.8	17.6	28.7	28.9	-	34.4	35.7	29.1	32.2	24.7	18.1	229.7
232.9	-	-	-	35.4	35.4	-	30.2	23.5	17.5	-	27.8	-	33.2	34.5	29.0	31.7	24.4	17.9	232.9
236.2	-	-	-	34.3	34.6	-	29.8	23.3	17.4	-	-	-	32.1	33.3	28.9	31.3	24.1	17.7	236.2
242.8	-	-	-	32.0	33.1	-	28.9	22.7	17.2	-	-	-	29.8	30.9	-	30.4	23.6	17.4	242.8
246.1	-	-	-	31.0	32.0	-	28.5	22.5	17.1	-	-	-	28.8	29.8	-	30.0	23.4	17.3	246.1
249.3	-	-	-	30.0	-	-	28.2	22.3	17.0	-	-	-	27.8	28.8	-	29.7	23.1	17.2	249.3
255.9	-	-	-	-	-	-	27.6	21.8	16.8	-	-	-	25.8	26.7	-	28.9	22.7	17.0	255.9
259.2	-	-	-	-	-	-	27.2	21.7	16.8	-	-	-	24.9	25.6	-	28.2	22.5	16.9	259.2
269.0	-	-	-	-	-	-	26.2	21.2	-	-	-	-	22.0	-	-	26.0	21.8	16.5	269.0
275.6	-	-	-	-	-	-	25.6	20.9	-	-	-	-	-	-	-	24.4	21.5	16.5	275.6
282.2	-	-	-	-	-	-	24.9	20.7	-	-	-	-	-	-	-	22.7	21.2	-	282.2
288.7	-	-	-	-	-	-	23.4	-	-	-	-	-	-	-	-	21.2	20.9	-	288.7
295.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6	20.7	-	295.3
298.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.9	20.1	-	298.6
305.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	-	-	305.1

352,800 lb | 396,900 lb

+ 132,300 lb | 39.4 -118.1 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	236.2 ft									255.9 ft									
	SH+LF_1																		
	39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft			
	10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°	
ft	1,000 lb																		ft
39.4	275.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.4
42.7	275.6	238.1	-	-	-	-	-	-	-	275.6	-	-	-	-	-	-	-	-	42.7
45.9	275.6	233.7	176.4	-	-	-	-	-	-	275.6	233.7	-	-	-	-	-	-	-	45.9
49.2	275.6	226.0	174.7	136.7	-	-	-	-	-	275.6	228.2	174.2	-	-	-	-	-	-	49.2
52.5	275.6	218.3	173.1	136.7	-	-	-	-	-	275.6	222.7	174.2	134.5	-	-	-	-	-	52.5
59.1	271.2	205.0	164.2	135.6	-	-	-	-	-	271.2	210.5	166.4	134.5	-	-	-	-	-	59.1
62.3	260.1	199.5	160.9	134.5	84.7	-	84.9	-	-	256.8	204.5	163.1	133.4	-	-	83.3	-	-	62.3
65.6	249.1	194.0	157.6	133.4	84.7	-	84.9	-	-	242.5	198.4	159.8	132.3	83.6	-	83.3	-	-	65.6
72.2	224.9	183.0	149.9	125.7	80.9	-	83.6	-	-	217.2	188.5	153.2	129.0	81.8	-	82.7	-	-	72.2
75.5	213.8	178.6	146.6	121.8	79.1	51.6	82.9	-	-	206.7	184.1	150.5	125.1	80.1	-	82.1	-	-	75.5
78.7	202.8	174.2	143.3	117.9	77.4	50.7	82.2	51.4	-	196.2	179.7	147.7	121.3	78.5	50.9	81.6	-	-	78.7
82.0	191.8	169.8	140.5	115.2	75.8	49.8	80.4	51.4	-	187.4	175.3	144.4	117.9	76.9	50.0	80.5	51.8	-	82.0
85.3	180.8	165.3	137.8	112.4	74.3	48.9	78.5	51.4	-	178.6	170.9	141.1	114.6	75.4	49.2	79.4	51.8	-	85.3
91.9	162.0	157.6	132.3	107.4	71.2	47.2	74.7	49.4	-	159.8	162.0	135.6	110.2	72.5	47.6	76.1	49.8	-	91.9
98.4	145.5	146.6	126.8	101.9	68.3	45.6	71.2	47.4	31.3	143.3	144.4	131.2	105.2	69.7	46.1	72.5	47.8	30.9	98.4
111.5	119.0	120.2	117.9	92.4	63.1	43.0	65.0	43.9	29.3	116.8	117.9	119.0	95.0	64.6	43.4	66.8	44.5	29.3	111.5
124.7	99.2	100.3	101.4	84.0	58.6	40.6	58.9	41.0	27.3	97.2	98.3	99.4	87.5	60.2	41.0	60.8	41.7	27.6	124.7
137.8	83.6	84.4	85.3	77.2	54.9	38.4	55.3	38.1	25.8	81.4	82.5	83.3	80.2	56.2	39.0	56.7	39.0	26.0	137.8
150.9	70.3	71.2	72.1	71.2	51.4	36.6	50.7	35.7	24.3	67.9	68.8	69.9	74.3	52.9	37.3	52.7	36.6	24.7	150.9
164.0	59.1	60.0	60.6	66.1	48.5	35.1	47.0	33.3	22.9	56.7	57.5	58.4	64.6	50.0	35.5	48.7	34.2	23.4	164.0
177.2	49.8	50.5	51.1	57.3	46.1	33.5	43.4	31.3	21.8	47.4	48.3	48.9	55.1	47.4	34.2	45.2	32.2	22.3	177.2
190.3	42.1	42.5	43.2	49.2	43.7	32.2	40.6	29.5	20.7	39.5	40.1	40.8	47.0	45.0	32.8	42.3	30.4	21.2	190.3
203.4	35.3	35.9	36.4	42.3	41.7	31.3	37.9	28.0	19.8	32.8	33.3	34.0	39.9	42.3	31.7	39.7	28.9	20.3	203.4
216.5	29.5	30.0	30.4	36.2	38.1	30.2	35.7	26.7	19.2	26.9	27.6	28.0	34.0	35.9	30.9	37.3	27.6	19.4	216.5
229.7	24.7	24.9	25.4	30.9	32.6	29.5	33.7	25.4	18.3	22.0	22.5	22.7	28.4	30.4	30.0	33.5	26.2	18.7	229.7
239.5	21.4	21.6	21.8	27.4	29.0	29.0	31.6	24.5	18.0	18.7	19.0	19.4	25.0	26.8	27.7	29.9	25.4	18.2	239.5
242.8	20.3	20.5	-	26.2	27.8	28.9	30.9	24.3	17.9	17.6	17.9	18.3	23.8	25.6	26.9	28.7	25.1	18.1	242.8
249.3	18.3	18.5	-	24.1	25.6	26.7	28.8	23.8	17.5	15.7	16.0	16.3	21.7	23.4	24.6	26.6	24.6	17.7	249.3
255.9	-	-	-	22.0	23.4	-	26.7	23.4	17.2	13.7	14.1	14.3	19.6	21.2	22.3	24.5	24.0	17.4	255.9
265.7	-	-	-	19.4	20.6	-	23.9	22.7	16.9	11.2	11.5	-	17.0	18.2	19.2	21.5	23.0	17.1	265.7
269.0	-	-	-	18.5	19.6	-	22.9	22.5	16.8	-	-	-	16.1	17.2	-	20.5	22.7	17.0	269.0
275.6	-	-	-	16.9	17.6	-	21.2	21.8	16.6	-	-	-	14.4	15.5	-	18.7	20.8	16.8	275.6
282.2	-	-	-	15.2	-	-	19.4	21.2	16.5	-	-	-	12.8	13.9	-	17.2	19.0	16.5	282.2
285.4	-	-	-	14.6	-	-	18.6	20.3	16.4	-	-	-	12.1	13.0	-	16.4	18.3	16.5	285.4
288.7	-	-	-	-	-	-	17.9	19.5	16.3	-	-	-	11.4	12.1	-	15.7	17.4	16.4	288.7
292.0	-	-	-	-	-	-	17.1	18.7	-	-	-	-	10.6	11.5	-	14.9	16.5	16.3	292.0
295.3	-	-	-	-	-	-	16.3	17.9	-	-	-	-	9.9	-	-	14.1	15.7	16.3	295.3
301.8	-	-	-	-	-	-	14.9	16.3	-	-	-	-	8.4	-	-	12.6	14.1	15.4	301.8
308.4	-	-	-	-	-	-	13.4	14.8	-	-	-	-	-	-	-	11.2	12.6	-	308.4
315.0	-	-	-	-	-	-	12.1	13.2	-	-	-	-	-	-	-	9.9	11.2	-	315.0
321.5	-	-	-	-	-	-	11.0	-	-	-	-	-	-	-	-	8.6	9.9	-	321.5
324.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	9.3	-	324.8
331.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	331.4

352,800 lb | 396,900 lb

+ 132,300 lb | 39.4 -118.1 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	275.6 ft								
	SH+LF_1								
	39.4 ft			78.7 ft			118.1 ft		
	10°	15°	20°	10°	20°	30°	10°	20°	30°
ft	1,000 lb								ft
42.7	275.6	-	-	-	-	-	-	-	-	42.7
45.9	275.6	229.3	-	-	-	-	-	-	-	45.9
49.2	275.6	228.2	172.0	-	-	-	-	-	-	49.2
52.5	275.6	227.1	172.0	132.3	-	-	-	-	-	52.5
59.1	262.4	215.0	168.7	132.3	-	-	-	-	-	59.1
65.6	233.7	203.9	162.0	131.2	82.7	-	82.5	-	-	65.6
72.2	209.4	192.9	155.4	130.1	82.7	-	82.0	-	-	72.2
78.7	188.5	184.1	149.9	124.6	79.4	51.1	80.9	-	-	78.7
85.3	170.9	173.1	144.4	117.9	76.3	49.4	79.8	51.1	-	85.3
91.9	155.4	157.6	138.9	112.4	73.6	47.8	76.9	50.3	-	91.9
98.4	140.0	142.2	134.5	108.0	71.0	46.5	73.9	48.5	-	98.4
101.7	133.4	135.6	130.1	105.7	69.7	45.9	72.5	47.7	31.1	101.7
111.5	113.5	115.7	116.8	98.5	65.9	43.9	68.3	45.2	29.5	111.5
124.7	94.4	95.5	96.8	90.8	61.5	41.7	62.8	42.3	27.8	124.7
137.8	77.8	79.1	80.2	83.6	57.8	39.5	57.8	39.9	26.2	137.8
150.9	64.2	65.3	66.4	73.0	54.2	37.7	54.7	37.3	24.9	150.9
164.0	53.1	54.0	54.9	61.5	51.4	36.2	50.5	35.1	23.6	164.0
177.2	43.7	44.5	45.4	51.8	48.7	34.6	47.0	33.1	22.5	177.2
190.3	35.7	36.6	37.3	43.7	46.3	33.3	43.9	31.3	21.4	190.3
203.4	29.1	29.8	30.2	36.6	39.2	32.2	41.2	29.8	20.5	203.4
216.5	23.1	23.8	24.3	30.4	32.8	31.3	35.9	28.2	19.8	216.5
229.7	18.1	18.5	19.0	25.1	27.3	29.1	30.4	26.9	19.0	229.7
242.8	13.7	14.1	14.6	20.3	22.3	23.8	25.6	25.8	18.3	242.8
255.9	9.7	10.1	10.4	16.3	17.9	19.4	21.2	24.0	17.9	255.9
262.5	7.9	8.4	8.6	14.4	15.9	17.3	19.2	21.9	17.5	262.5
265.7	-	-	7.7	13.5	14.9	16.3	18.3	20.9	17.4	265.7
269.0	-	-	-	12.6	13.9	15.2	17.4	19.8	17.2	269.0
278.9	-	-	-	10.1	11.4	12.3	14.8	17.0	16.9	278.9
282.2	-	-	-	9.3	10.6	-	13.9	16.1	16.8	282.2
285.4	-	-	-	8.4	9.8	-	13.1	15.3	16.1	285.4
292.0	-	-	-	-	8.2	-	11.6	13.6	14.9	292.0
295.3	-	-	-	-	-	-	10.8	12.8	14.3	295.3
308.4	-	-	-	-	-	-	7.9	9.7	11.0	308.4
315.0	-	-	-	-	-	-	-	8.2	9.5	315.0

352,800 lb | 396,900 lb

+ 132,300 lb | 39.4 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	216.5 ft			236.2 ft			255.9 ft						275.6 ft						
	LH+LF_2									LH+LF_3			LH+LF_2			LH+LF_3			
	39.4 ft																		
	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	
ft	1,000 lb																		ft
39.4	275.6	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.4
42.7	275.6	240.3	-	275.6	235.9	-	255.7	-	-	275.6	-	-	235.9	-	-	275.6	-	-	42.7
45.9	275.6	231.5	175.3	275.6	235.9	175.3	255.7	222.7	-	275.6	257.9	-	235.9	211.6	-	275.6	246.9	-	45.9
49.2	275.6	223.8	170.3	275.6	228.2	172.0	251.3	221.0	172.0	275.6	253.5	195.1	234.8	211.6	176.4	275.6	246.9	189.6	49.2
52.5	275.6	216.1	165.3	275.6	220.5	168.7	246.9	219.4	170.9	275.6	249.1	192.9	233.7	211.6	173.1	275.6	246.9	189.6	52.5
59.1	269.0	201.7	156.5	264.6	207.2	159.8	240.3	209.4	162.0	273.4	233.7	184.1	227.1	207.2	164.2	264.6	235.9	186.3	59.1
65.6	249.1	189.6	148.8	251.3	196.2	152.1	233.7	200.6	155.4	242.5	220.5	175.3	222.7	202.8	157.6	235.9	222.7	178.6	65.6
72.2	231.5	179.7	142.2	227.1	185.2	145.5	220.5	190.7	148.8	219.4	209.4	167.6	216.1	195.1	151.0	211.6	212.7	170.9	72.2
78.7	209.4	169.8	135.6	206.1	175.3	138.9	200.6	180.8	142.2	197.3	199.5	160.9	195.1	186.3	145.5	190.7	192.9	164.2	78.7
85.3	185.2	160.9	130.1	184.1	167.6	133.4	183.0	172.0	136.7	179.7	181.9	154.3	177.5	177.5	140.0	173.1	175.3	157.6	85.3
91.9	166.4	153.2	124.6	164.2	159.8	127.9	163.1	164.2	131.2	160.9	163.1	148.8	162.0	163.1	134.5	157.6	159.8	152.1	91.9
98.4	149.9	146.6	120.2	148.8	149.9	123.5	146.6	148.8	126.8	144.4	145.5	143.3	145.5	146.6	130.1	142.2	143.3	145.5	98.4
111.5	123.5	124.6	111.3	122.4	123.5	114.6	120.2	122.4	117.9	117.9	119.0	120.2	119.0	120.2	121.3	115.7	116.8	117.9	111.5
124.7	103.8	104.7	104.5	102.3	103.4	104.3	101.0	102.1	103.0	98.3	99.4	100.5	99.2	100.3	101.4	95.9	97.2	98.3	124.7
137.8	88.2	88.8	89.7	86.6	87.5	88.4	85.3	86.2	87.1	82.5	83.6	84.4	83.3	84.4	85.3	79.8	80.9	82.0	137.8
150.9	75.4	76.1	76.7	74.1	74.7	75.4	72.3	73.2	74.1	69.0	70.1	71.0	70.1	71.0	72.1	66.1	67.2	68.3	150.9
164.0	64.8	65.5	66.1	63.1	63.7	64.4	61.3	61.9	62.8	58.0	58.9	59.5	58.9	59.7	60.6	54.9	56.0	56.9	164.0
177.2	55.6	56.2	56.7	53.8	54.5	54.9	52.0	52.7	53.4	48.7	49.4	50.0	49.6	50.5	51.1	45.6	46.5	47.2	177.2
190.3	47.8	48.3	48.7	45.9	46.5	47.0	44.1	44.8	45.2	40.8	41.4	42.1	41.7	42.3	43.0	37.7	38.4	39.2	190.3
203.4	41.0	41.4	41.9	39.2	39.7	40.1	37.3	37.9	38.4	34.0	34.6	35.1	35.1	35.5	36.2	30.9	31.5	32.2	203.4
216.5	35.5	35.7	36.2	33.5	34.0	34.2	31.5	32.0	32.4	28.2	28.7	29.1	29.1	29.8	30.2	25.1	25.6	26.2	216.5
223.1	33.1	33.3	33.5	31.0	31.4	31.6	29.0	29.4	29.9	25.7	26.1	26.6	26.6	27.1	27.6	22.5	23.0	23.6	223.1
229.7	30.6	30.9	-	28.4	28.9	29.1	26.5	26.9	27.3	23.1	23.6	24.0	24.0	24.5	24.9	20.1	20.5	20.9	229.7
232.9	29.5	29.8	-	27.4	27.8	28.0	25.4	25.8	26.2	22.0	22.5	22.9	22.9	23.4	23.8	19.0	19.4	19.8	232.9
239.5	-	-	-	25.3	25.6	25.8	23.3	23.6	24.0	19.8	20.3	20.5	20.7	21.2	21.6	16.8	17.2	17.5	239.5
242.8	-	-	-	24.3	24.5	-	22.3	22.5	22.9	18.7	19.2	19.4	19.6	20.1	20.5	15.7	16.1	16.3	242.8
249.3	-	-	-	22.3	22.5	-	20.2	20.6	20.9	16.9	17.2	17.4	17.7	18.1	18.5	13.7	14.0	14.4	249.3
255.9	-	-	-	-	-	-	18.3	18.7	19.0	15.0	15.2	15.4	15.9	16.1	16.5	11.7	12.1	12.3	255.9
265.7	-	-	-	-	-	-	15.9	16.1	-	12.3	12.8	-	13.2	13.6	13.9	9.2	9.5	9.7	265.7
269.0	-	-	-	-	-	-	-	-	-	-	-	-	12.3	12.8	13.0	8.4	8.6	8.8	269.0
272.3	-	-	-	-	-	-	-	-	-	-	-	-	11.6	12.0	-	-	7.7	8.2	272.3
282.2	-	-	-	-	-	-	-	-	-	-	-	-	9.5	9.7	-	-	-	-	282.2
285.4	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	-	-	-	-	285.4

352,800 lb | 396,900 lb

+ 132,300 lb | 39.4 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	295.3 ft						315.0 ft						334.6 ft						
	LH+LF_2			LH+LF_3			LH+LF_2			LH+LF_3			LH+LF_2			LH+LF_3			
	39.4 ft																		
	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	
ft	1,000 lb																		ft
45.9	200.6	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.9
49.2	200.6	184.1	-	275.6	244.7	-	190.7	-	-	242.5	-	-	159.8	-	-	227.1	-	-	49.2
52.5	200.6	184.1	169.8	275.6	244.7	188.5	190.7	176.4	-	242.5	227.1	-	159.8	147.7	-	227.1	216.1	-	52.5
55.8	197.9	182.4	168.1	264.6	242.5	188.5	188.5	175.3	162.0	240.3	227.1	183.0	158.7	147.7	136.7	227.1	216.1	184.1	55.8
59.1	195.1	180.8	166.4	253.5	240.3	188.5	186.3	174.2	162.0	238.1	227.1	183.0	157.6	147.7	136.7	227.1	216.1	184.1	59.1
65.6	189.6	176.4	159.8	227.1	229.3	180.8	181.9	169.8	158.7	219.4	219.4	179.7	153.2	144.4	135.6	211.6	212.7	180.8	65.6
72.2	185.2	172.0	153.2	203.9	206.1	174.2	177.5	166.4	155.4	197.3	199.5	173.1	148.8	140.0	132.3	189.6	191.8	175.3	72.2
78.7	179.7	167.6	147.7	183.0	186.3	167.6	173.1	163.1	149.9	177.5	179.7	166.4	145.5	136.7	129.0	170.9	173.1	169.8	78.7
85.3	172.0	164.2	142.2	166.4	168.7	160.9	166.4	158.7	144.4	160.9	163.1	160.9	141.1	133.4	126.8	154.3	156.5	158.7	85.3
91.9	157.6	158.7	136.7	151.0	153.2	155.4	152.1	154.3	140.0	146.6	148.8	151.0	137.8	130.1	123.5	140.0	142.2	144.4	91.9
98.4	143.3	145.5	132.3	137.8	140.0	142.2	140.0	141.1	134.5	133.4	135.6	137.8	134.5	127.9	121.3	127.9	130.1	131.2	98.4
111.5	116.8	117.9	120.2	112.4	114.6	115.7	115.7	116.8	117.9	111.3	112.4	113.5	113.5	114.6	116.8	106.9	108.7	110.2	111.5
124.7	97.4	98.5	99.6	92.8	94.1	95.5	95.5	96.8	97.9	90.8	92.4	93.7	93.9	95.2	96.3	87.3	89.1	90.6	124.7
137.8	81.6	82.7	83.6	76.1	77.4	78.7	79.4	80.5	81.8	73.9	75.2	76.7	77.2	78.5	79.8	70.3	71.9	73.2	137.8
150.9	67.9	69.0	69.9	62.4	63.7	64.8	65.7	66.8	67.7	60.2	61.5	62.6	63.5	64.8	65.9	56.4	57.8	59.1	150.9
164.0	56.7	57.5	58.4	51.1	52.2	53.1	54.5	55.3	56.2	48.9	50.0	51.1	52.2	53.4	54.5	45.2	46.3	47.6	164.0
177.2	47.4	48.3	48.9	41.9	42.8	43.7	45.0	45.9	46.7	39.5	40.6	41.4	43.0	43.9	44.8	35.7	36.8	37.9	177.2
190.3	39.5	40.1	40.8	34.0	34.6	35.5	37.0	37.9	38.6	31.5	32.4	33.3	35.1	35.7	36.6	27.8	28.7	29.5	190.3
203.4	32.6	33.3	34.0	27.1	27.8	28.4	30.2	30.9	31.5	24.7	25.6	26.2	28.2	28.9	29.5	20.9	21.8	22.5	203.4
216.5	26.9	27.3	28.0	21.2	21.8	22.5	24.5	24.9	25.6	18.7	19.4	20.1	22.3	22.9	23.6	15.0	15.7	16.3	216.5
219.8	25.6	26.1	26.7	19.9	20.5	20.9	23.1	23.6	24.3	17.5	18.1	18.7	-	-	22.0	13.7	14.3	15.0	219.8
229.7	21.6	22.3	22.7	16.1	16.5	17.2	19.2	19.8	20.3	13.7	14.3	14.8	-	-	-	9.7	10.4	11.0	229.7
232.9	20.5	20.9	21.5	14.9	15.4	16.0	18.1	18.7	19.1	12.5	13.2	13.7	-	-	-	8.6	9.3	9.8	232.9
236.2	19.4	19.8	20.3	13.7	14.3	14.8	17.0	17.5	18.0	11.4	12.0	12.5	-	-	-	-	8.2	8.6	236.2
242.8	17.2	17.6	18.1	11.7	12.1	12.6	14.8	15.2	15.7	9.0	9.7	10.1	-	-	-	-	-	-	242.8
246.1	16.2	16.6	17.1	10.7	11.1	11.5	13.7	14.2	14.7	8.2	8.6	9.1	-	-	-	-	-	-	246.1
249.3	15.2	15.7	16.1	9.6	10.1	10.5	12.7	13.2	13.7	-	-	8.2	-	-	-	-	-	-	249.3
252.6	14.2	14.7	15.1	8.6	9.1	9.4	11.8	12.2	12.7	-	-	-	-	-	-	-	-	-	252.6
255.9	13.2	13.7	14.1	-	8.2	8.4	10.8	11.2	11.7	-	-	-	-	-	-	-	-	-	255.9
265.7	10.7	11.0	11.5	-	-	-	8.2	8.6	9.0	-	-	-	-	-	-	-	-	-	265.7
269.0	9.9	10.1	10.6	-	-	-	-	-	8.2	-	-	-	-	-	-	-	-	-	269.0
275.6	8.4	8.7	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275.6
278.9	-	7.9	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	278.9

352,800 lb | 396,900 lb

+ 132,300 lb | 78.7 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft			
	LH+LF_2																		
	78.7 ft																		
	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°	
ft	1,000 lb																		ft
49.2	143.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.2
52.5	143.3	-	-	134.5	-	-	130.1	-	-	-	-	-	-	-	-	-	-	-	52.5
55.8	142.7	-	-	133.9	-	-	130.1	-	-	126.8	-	-	119.0	-	-	-	-	-	55.8
59.1	142.2	-	-	133.4	-	-	130.1	-	-	126.8	-	-	119.0	-	-	114.6	-	-	59.1
62.3	140.5	83.8	-	132.3	84.0	-	129.5	-	-	126.2	-	-	119.0	-	-	114.1	-	-	62.3
65.6	138.9	81.6	-	131.2	82.7	-	129.0	82.5	-	125.7	-	-	119.0	-	-	113.5	-	-	65.6
68.9	133.9	79.6	-	127.9	80.7	-	127.9	81.0	-	125.1	82.5	-	118.5	83.1	-	113.0	-	-	68.9
72.2	129.0	77.6	-	124.6	78.7	-	126.8	79.6	-	124.6	80.5	-	117.9	81.4	-	112.4	82.0	-	72.2
75.5	124.6	75.7	47.4	121.3	76.9	47.6	123.5	77.9	-	124.0	78.8	-	117.4	79.7	-	111.9	80.5	-	75.5
78.7	120.2	73.9	46.5	117.9	75.2	46.7	120.2	76.3	47.0	123.5	77.2	47.0	116.8	78.0	-	111.3	78.9	-	78.7
82.0	116.3	72.2	45.7	114.6	73.5	46.0	116.8	74.6	46.2	122.9	75.6	46.3	116.3	76.5	46.3	111.3	77.4	46.5	82.0
85.3	112.4	70.5	45.0	111.3	71.9	45.2	113.5	73.0	45.4	122.4	74.1	45.6	115.7	75.0	45.6	111.3	75.8	45.9	85.3
91.9	106.7	67.5	43.4	106.9	68.8	43.7	108.9	70.1	44.1	117.9	71.2	44.3	114.6	72.1	44.3	110.2	73.2	44.5	91.9
98.4	100.8	64.6	41.9	101.6	66.1	42.3	104.1	67.2	42.8	112.4	68.6	43.0	112.4	69.4	43.2	109.3	70.5	43.2	98.4
111.5	90.4	59.7	39.5	92.6	61.1	39.9	94.4	62.4	40.3	101.6	63.7	40.6	104.9	64.8	41.0	105.2	65.9	41.2	111.5
124.7	82.0	55.3	37.3	85.8	56.9	37.7	88.6	58.2	38.1	92.6	59.5	38.6	95.9	60.6	38.8	99.0	61.7	39.2	124.7
137.8	75.0	51.8	35.3	78.5	53.4	35.9	81.8	54.7	36.4	85.1	56.0	36.8	88.2	57.1	37.0	86.9	58.2	37.5	137.8
150.9	69.0	48.7	33.7	72.3	50.0	34.2	75.6	51.4	34.6	77.2	52.7	35.1	75.6	53.8	35.5	73.9	54.9	35.9	150.9
164.0	63.9	45.9	32.2	67.0	47.2	32.8	68.3	48.7	33.3	66.4	49.8	33.7	64.4	51.1	34.2	62.2	52.0	34.4	164.0
177.2	59.7	43.4	30.9	60.4	44.8	31.5	58.9	46.1	32.0	56.9	47.4	32.4	54.7	48.5	32.8	52.7	49.6	33.1	177.2
190.3	54.2	41.4	30.0	52.5	42.8	30.4	50.7	43.9	30.9	48.7	45.2	31.3	46.5	46.3	31.7	44.5	47.4	32.0	190.3
203.4	47.2	39.5	28.9	45.4	40.8	29.3	43.9	41.9	29.8	41.7	43.2	30.2	39.5	42.1	30.6	37.5	40.1	30.9	203.4
216.5	41.2	37.9	28.2	39.5	39.0	28.7	37.7	39.7	29.1	35.5	37.7	29.3	33.5	35.7	29.8	31.3	33.7	30.0	216.5
229.7	35.9	36.6	27.6	34.2	35.7	28.0	32.4	34.2	28.2	30.2	32.2	28.7	28.2	30.2	28.9	26.0	28.2	29.3	229.7
232.9	34.8	35.6	27.6	33.0	34.5	27.8	31.3	33.0	28.1	29.0	31.0	28.5	27.0	29.0	28.4	24.8	27.0	28.2	232.9
242.8	31.3	32.6	-	29.5	30.9	27.3	27.8	29.3	27.6	25.6	27.3	28.0	23.4	25.4	26.9	21.2	23.1	24.9	242.8
246.1	30.3	31.5	-	28.5	29.8	27.3	26.7	28.3	27.2	24.5	26.2	27.1	22.3	24.3	25.7	20.1	22.0	23.8	246.1
255.9	27.3	28.2	-	25.6	26.7	-	23.6	25.1	26.0	21.4	22.9	24.3	19.2	20.9	22.3	17.0	19.0	20.5	255.9
259.2	26.5	27.3	-	24.6	25.7	-	22.7	24.1	25.1	20.5	22.0	23.3	18.3	20.0	21.2	16.0	18.0	19.4	259.2
269.0	23.8	-	-	21.8	22.7	-	20.1	21.2	-	17.9	19.2	20.3	15.7	17.0	18.3	13.2	15.0	16.3	269.0
272.3	-	-	-	21.0	21.8	-	19.2	20.3	-	17.0	18.3	19.2	14.8	16.1	17.4	12.3	14.1	15.4	272.3
275.6	-	-	-	20.2	20.9	-	18.3	19.4	-	16.2	17.4	-	13.9	15.3	16.4	11.5	13.2	14.4	275.6
282.2	-	-	-	18.5	-	-	16.8	17.6	-	14.6	15.7	-	12.1	13.7	14.6	9.9	11.5	12.6	282.2
285.4	-	-	-	17.9	-	-	16.0	16.9	-	13.7	14.9	-	11.4	12.8	13.9	9.1	10.6	11.7	285.4
288.7	-	-	-	-	-	-	15.3	16.2	-	12.9	14.1	-	10.7	12.0	-	8.4	9.8	10.9	288.7
292.0	-	-	-	-	-	-	14.6	15.4	-	12.1	13.3	-	10.0	11.2	-	-	9.0	10.1	292.0
295.3	-	-	-	-	-	-	13.9	-	-	11.5	12.6	-	9.3	10.4	-	-	8.2	9.3	295.3
298.6	-	-	-	-	-	-	13.2	-	-	10.8	11.8	-	8.6	9.6	-	-	-	8.6	298.6
301.8	-	-	-	-	-	-	12.6	-	-	10.1	11.1	-	7.9	8.9	-	-	-	-	301.8
305.1	-	-	-	-	-	-	-	-	-	9.5	10.4	-	-	8.2	-	-	-	-	305.1
308.4	-	-	-	-	-	-	-	-	-	8.8	9.7	-	-	-	-	-	-	-	308.4
311.7	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-	-	-	-	-	311.7

352,800 lb | 396,900 lb

+ 132,300 lb | 78.7 / 118.1 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	334.6 ft		
	LH+LF_2		
	78.7 ft		
	10°	20°	30°
ft	1,000 lb		
59.1	106.3	-	-
65.6	106.3	-	-
72.2	104.3	82.7	-
78.7	102.3	79.6	-
85.3	100.3	76.7	45.9
91.9	97.9	73.9	44.5
98.4	95.5	71.4	43.4
111.5	91.1	66.8	41.2
124.7	87.1	62.8	39.5
137.8	83.1	59.3	37.7
150.9	71.9	56.0	36.2
164.0	60.4	53.1	34.8
177.2	50.7	50.7	33.5
190.3	42.5	45.6	32.4
203.4	35.5	38.4	31.3
216.5	29.3	32.0	30.4
229.7	24.0	26.5	28.4
242.8	19.2	21.4	23.4
255.9	15.0	17.0	18.7
269.0	11.2	13.0	14.6
282.2	7.9	9.5	11.0
288.7	-	7.9	9.3
292.0	-	-	8.4

352,800 lb | 396,900 lb

	216.5 ft		
	LH+LF_2		
	118.1 ft		
	10°	20°	30°
ft	1,000 lb		
59.1	86.0	-	-
65.6	85.3	-	-
72.2	84.0	-	-
78.7	82.7	53.1	-
85.3	81.4	50.5	-
91.9	78.3	48.3	-
98.4	73.6	46.1	28.7
111.5	65.9	42.3	26.7
124.7	59.5	39.0	25.1
137.8	54.0	36.2	23.6
150.9	49.6	33.7	22.3
164.0	45.6	31.5	20.9
177.2	42.3	29.8	20.1
190.3	39.5	28.0	19.0
203.4	36.8	26.5	18.3
216.5	34.6	25.1	17.6
229.7	32.6	24.0	17.0
242.8	30.9	22.9	16.3
255.9	29.3	22.0	15.9
269.0	27.6	21.4	15.7
282.2	24.0	20.7	-
295.3	20.9	20.3	-
298.6	20.3	20.1	-
305.1	19.0	-	-

+ 132,300 lb | 118.1 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	236.5 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft			334.6 ft			
	LH+LF_2																		
	118.1 ft																		
	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°	10°	20°	30°	
ft	1,000 lb																		ft
62.3	83.3	-	-	80.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.3
65.6	83.3	-	-	80.7	-	-	79.4	-	-	75.2	-	-	-	-	-	-	-	-	65.6
68.9	82.8	-	-	80.5	-	-	79.1	-	-	75.2	-	-	69.0	-	-	65.3	-	-	68.9
72.2	82.2	-	-	80.2	-	-	78.9	-	-	75.2	-	-	69.0	-	-	65.3	-	-	72.2
78.7	81.1	-	-	79.4	-	-	78.3	-	-	74.7	-	-	68.8	-	-	65.3	-	-	78.7
82.0	79.5	51.1	-	78.5	50.3	-	77.9	-	-	74.5	-	-	68.5	-	-	65.0	-	-	82.0
85.3	77.8	51.1	-	77.6	50.3	-	77.6	52.2	-	74.3	52.7	-	68.1	-	-	64.8	-	-	85.3
88.6	76.1	50.0	-	76.1	49.8	-	77.2	51.1	-	74.0	51.6	-	67.9	52.0	-	64.6	52.2	-	88.6
91.9	74.3	48.9	-	74.5	49.4	-	76.7	50.0	-	73.6	50.5	-	67.7	50.9	-	64.4	51.4	-	91.9
98.4	71.0	46.7	-	71.7	47.4	-	75.8	48.1	-	73.0	48.5	-	67.0	48.9	-	63.9	49.4	-	98.4
101.7	69.4	45.8	28.4	70.2	46.5	28.4	74.9	47.1	-	72.5	47.6	-	66.7	48.1	-	63.7	48.6	-	101.7
105.0	67.9	44.9	27.9	68.8	45.5	28.0	74.0	46.2	28.0	72.0	46.7	28.0	66.4	47.3	-	63.4	47.7	-	105.0
108.3	66.4	43.9	27.4	67.4	44.6	27.6	73.0	45.2	27.6	71.5	45.9	27.6	66.0	46.5	27.6	63.1	46.9	27.6	108.3
111.5	64.8	43.0	26.9	65.9	43.7	27.1	72.1	44.3	27.1	71.0	45.0	27.1	65.7	45.6	27.3	62.8	46.1	27.3	111.5
124.7	58.6	39.9	25.4	60.4	40.6	25.4	66.1	41.2	25.6	67.2	41.9	25.8	64.2	42.5	25.8	61.5	43.0	25.8	124.7
137.8	55.3	37.0	23.8	56.2	37.7	24.0	60.4	38.6	24.3	62.4	39.2	24.3	62.8	39.9	24.5	60.2	40.3	24.5	137.8
150.9	51.6	34.6	22.5	53.4	35.3	22.7	55.8	36.2	22.9	57.5	36.8	23.1	59.5	37.5	23.1	58.9	38.1	23.4	150.9
164.0	47.6	32.4	21.4	49.6	33.3	21.6	51.6	34.0	21.8	53.4	34.6	22.0	55.1	35.3	22.3	56.9	35.9	22.3	164.0
177.2	44.3	30.4	20.3	46.1	31.3	20.5	47.8	32.0	20.7	49.6	32.8	20.9	51.4	33.5	21.2	52.9	34.0	21.4	177.2
190.3	41.2	28.9	19.4	43.0	29.5	19.6	44.8	30.4	19.8	46.3	31.1	20.1	48.1	31.7	20.3	48.1	32.4	20.5	190.3
203.4	38.6	27.3	18.5	40.1	28.0	18.7	41.9	28.9	19.0	43.4	29.5	19.2	42.5	30.2	19.4	40.8	30.6	19.6	203.4
216.5	36.2	26.0	17.9	37.9	26.7	18.1	39.5	27.3	18.3	38.4	28.0	18.5	36.4	28.7	18.7	34.6	29.3	19.0	216.5
229.7	34.2	24.7	17.2	35.7	25.6	17.4	34.8	26.2	17.6	32.8	26.9	17.9	30.9	27.6	18.1	29.1	28.0	18.3	229.7
242.8	32.2	23.8	16.5	32.2	24.5	17.0	30.0	25.1	17.2	28.0	25.8	17.2	26.0	26.2	17.4	24.0	26.9	17.6	242.8
255.9	29.5	22.7	16.1	27.8	23.4	16.3	25.8	24.0	16.5	23.8	24.7	16.8	21.6	24.5	17.0	19.8	22.9	17.2	255.9
269.0	25.8	22.0	15.9	24.0	22.5	15.9	22.0	23.1	16.1	19.8	22.3	16.3	17.9	20.5	16.5	15.9	18.7	16.5	269.0
282.2	22.3	21.2	15.4	20.5	21.8	15.7	18.5	20.5	15.7	16.5	18.5	15.9	14.3	16.8	16.1	12.3	15.0	16.1	282.2
285.4	21.5	21.0	15.4	19.7	21.2	15.6	17.7	19.7	15.6	15.7	17.9	15.8	13.6	15.9	15.9	11.6	14.1	15.5	285.4
295.3	19.2	20.5	-	17.4	19.2	15.4	15.4	17.2	15.4	13.2	15.2	15.7	11.2	13.4	15.2	9.3	11.7	13.7	295.3
298.6	18.5	19.8	-	16.8	18.4	15.2	14.7	16.4	15.4	12.6	14.5	15.2	10.5	12.6	14.4	8.5	10.9	12.8	298.6
301.8	17.9	19.1	-	16.1	17.6	-	14.0	15.7	15.4	11.9	13.8	14.7	9.8	11.8	13.6	7.7	10.1	11.9	301.8
308.4	16.5	17.6	-	14.8	16.1	-	12.6	14.1	15.2	10.6	12.3	13.7	8.4	10.4	11.9	-	8.6	10.4	308.4
311.7	15.9	17.0	-	14.1	15.4	-	11.9	13.4	14.8	9.9	11.6	13.0	-	9.6	11.2	-	7.9	9.6	311.7
315.0	15.2	16.1	-	13.4	14.7	-	11.2	12.8	-	9.3	10.9	12.3	-	8.9	10.5	-	-	8.9	315.0
318.2	14.6	-	-	12.8	13.9	-	10.6	12.1	-	8.6	10.2	11.6	-	8.2	9.8	-	-	8.2	318.2
321.5	13.9	-	-	12.1	13.2	-	9.9	11.5	-	7.9	9.5	10.8	-	-	9.0	-	-	-	321.5
324.8	-	-	-	11.6	12.7	-	9.3	10.8	-	-	8.8	10.1	-	-	8.4	-	-	-	324.8
328.1	-	-	-	11.0	12.1	-	8.7	10.1	-	-	8.2	-	-	-	-	-	-	-	328.1
331.4	-	-	-	10.5	11.5	-	8.2	9.5	-	-	-	-	-	-	-	-	-	-	331.4
334.6	-	-	-	9.9	-	-	-	8.8	-	-	-	-	-	-	-	-	-	-	334.6
337.9	-	-	-	9.4	-	-	-	8.4	-	-	-	-	-	-	-	-	-	-	337.9
341.2	-	-	-	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	341.2

352,800 lb | 396,900 lb

Notes

354.3 ft
334.6 ft
315.0 ft
295.3 ft
275.6 ft
255.9 ft
236.2 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
39.4 ft
512
496
480
464
448
432
416
400
384
368
352
336
320
304
288
272
256
240
224
208
192
176
160
144
128
112
96
80
64
48
32
16
0
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 ft

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	137.8 ft									157.5 ft								
	SSL+LF_1																	
	39.4 ft			78.7 ft			118.1 ft			39.4 ft			78.7 ft			118.1 ft		
	0 lb	0 - 661,500 lb								0 lb	0 - 661,500 lb							
	10°	15°	20°	10°	20°	30°	10°	20°	30°	10°	15°	20°	10°	20°	30°	10°	20°	30°
ft	1,000 lb																	
32.8	275.6	275.6	-	-	-	-	-	-	-	275.6	275.6	-	-	-	-	-	-	-
36.1	275.6	275.6	233.7	-	-	-	-	-	-	275.6	275.6	240.3	-	-	-	-	-	-
39.4	275.6	275.6	222.7	180.8	-	-	-	-	-	275.6	275.6	229.3	185.2	-	-	-	-	-
42.7	267.9	267.9	212.7	173.6	162.0	-	-	-	-	275.6	275.6	219.9	178.6	157.6	-	-	-	-
45.9	260.1	260.1	202.8	166.4	155.4	-	-	-	-	275.6	275.6	210.5	172.0	157.6	-	-	-	-
52.5	233.7	233.7	186.3	154.3	138.9	-	-	94.6	-	249.1	249.1	194.0	159.8	145.5	-	-	94.8	-
55.8	223.2	223.2	179.1	149.4	132.3	87.1	-	93.9	-	238.1	238.1	186.8	154.9	138.9	88.6	-	94.2	-
59.1	212.7	212.7	172.0	144.4	125.7	84.0	-	93.3	-	227.1	227.1	179.7	149.9	132.3	85.8	-	93.7	-
65.6	195.1	195.1	159.8	135.6	115.7	78.3	53.4	89.3	-	208.3	208.3	167.6	141.1	121.3	80.2	-	91.3	-
68.9	187.4	187.4	154.3	131.7	111.1	75.8	51.9	85.5	-	200.6	200.6	162.6	137.2	116.3	77.9	52.5	88.2	-
72.2	179.7	179.7	148.8	127.9	106.5	73.4	50.5	81.8	55.3	192.9	192.9	157.6	133.4	111.3	75.6	51.1	85.1	56.2
78.7	167.6	167.6	140.0	120.2	98.5	69.2	48.1	75.4	51.8	179.7	179.7	147.7	126.8	103.8	71.4	48.9	78.7	52.9
85.3	156.5	156.5	132.3	114.6	91.5	65.3	46.1	69.9	48.7	167.6	167.6	140.0	120.2	97.0	67.5	46.7	73.2	49.8
88.6	151.6	151.6	128.4	112.0	88.5	63.6	45.1	67.5	47.4	32.4	162.6	162.6	136.1	117.4	93.9	65.8	45.9	70.8	48.5
91.9	146.6	146.6	124.6	109.3	85.5	61.9	44.1	65.0	46.1	31.7	157.6	157.6	132.3	114.6	90.8	64.2	45.0	68.3	47.2	32.0
98.4	137.8	137.8	117.9	104.3	80.2	58.9	42.1	60.8	43.4	30.2	148.8	148.8	125.7	110.0	85.3	61.1	43.2	63.9	44.8	30.6
111.5	124.6	124.6	108.2	96.3	71.9	53.7	39.2	54.2	39.5	27.7	134.1	134.1	115.4	101.8	76.6	56.1	40.3	57.0	40.6	28.1
124.7	113.1	113.1	99.7	89.5	64.7	49.2	36.6	48.4	35.9	25.5	120.4	121.6	106.3	94.6	69.1	51.6	37.6	51.1	37.0	25.9
137.8	103.4	103.4	92.4	83.8	58.6	45.4	34.4	43.4	32.6	23.6	107.8	111.3	98.5	88.4	62.6	47.6	35.3	46.1	34.0	24.0
150.9	95.3	96.3	87.1	79.8	53.9	42.5	32.6	39.8	30.3	22.1	94.7	103.8	92.7	83.8	57.8	44.7	33.5	42.1	31.5	22.6
157.5	91.3	92.8	84.4	77.8	51.6	41.0	31.7	37.9	29.1	21.4	88.2	100.1	89.7	81.6	55.3	43.2	32.6	40.1	30.2	21.8
164.0	86.0	90.2	82.7	-	49.9	40.0	31.2	36.4	28.1	20.7	83.3	97.2	87.6	79.9	53.4	42.0	32.0	38.7	29.2	21.2
173.9	-	-	-	-	47.4	38.4	30.3	34.2	26.7	19.7	75.9	92.7	84.4	77.4	50.6	40.3	31.0	36.4	27.8	20.4
177.2	-	-	-	-	46.5	37.9	30.0	33.5	26.2	19.4	73.4	91.3	83.3	-	49.6	39.7	30.6	35.7	27.3	20.1
180.4	-	-	-	-	45.9	37.5	29.8	32.9	25.8	19.2	71.4	90.2	82.5	-	48.9	39.2	30.4	35.1	26.9	19.8
190.3	-	-	-	-	43.9	36.3	-	31.2	24.6	18.5	-	-	-	-	46.7	37.8	29.8	33.2	25.7	19.2
193.6	-	-	-	-	43.2	35.9	-	30.6	24.2	18.3	-	-	-	-	45.9	37.3	29.5	32.6	25.3	19.0
196.9	-	-	-	-	42.5	35.5	-	30.0	23.8	18.1	-	-	-	-	45.2	36.8	-	32.0	24.9	18.7
200.1	-	-	-	-	41.9	-	-	29.5	23.5	17.9	-	-	-	-	44.6	36.5	-	31.5	24.6	18.6
203.4	-	-	-	-	-	-	-	29.1	23.2	17.8	-	-	-	-	44.1	36.2	-	31.0	24.3	18.4
213.3	-	-	-	-	-	-	-	27.8	22.3	17.3	-	-	-	-	42.4	35.3	-	29.6	23.4	17.8
216.5	-	-	-	-	-	-	-	27.3	22.0	17.2	-	-	-	-	41.9	-	-	29.1	23.1	17.6
219.8	-	-	-	-	-	-	-	27.0	21.9	17.0	-	-	-	-	-	-	-	28.7	22.9	17.5
229.7	-	-	-	-	-	-	-	26.0	21.3	-	-	-	-	-	-	-	-	27.5	22.1	17.1
232.9	-	-	-	-	-	-	-	25.7	21.2	-	-	-	-	-	-	-	-	27.1	21.9	17.0
236.2	-	-	-	-	-	-	-	25.4	-	-	-	-	-	-	-	-	-	26.7	21.6	-
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.1	21.3	-
249.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.4	20.9	-
252.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.1	-	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	177.2 ft																
	SSL+LF_1				SSL+LF_2				SSL+LF_1								
	39.4 ft								78.7 ft				118.1 ft				
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		20°	30°	10°		20°	30°	
ft	1,000 lb																ft
36.1	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	36.1
39.4	275.6	275.6	235.9	-	275.6	275.6	235.9	-	-	-	-	-	-	-	-	-	39.4
42.7	275.6	275.6	226.5	181.9	275.6	275.6	226.5	181.9	-	-	-	-	-	-	-	-	42.7
45.9	275.6	275.6	217.2	175.3	275.6	275.6	217.2	175.3	154.3	154.3	-	-	-	-	-	-	45.9
52.5	260.1	260.1	201.7	164.2	260.1	260.1	201.7	164.2	149.9	149.9	-	-	-	-	-	-	52.5
55.8	249.1	249.1	194.6	159.3	249.1	249.1	194.6	159.3	143.9	143.9	-	-	93.7	93.7	-	-	55.8
59.1	238.1	238.1	187.4	154.3	238.1	238.1	187.4	154.3	137.8	137.8	87.1	-	93.7	93.7	-	-	59.1
65.6	220.5	220.5	175.3	145.5	220.5	220.5	175.3	145.5	126.8	126.8	82.0	-	91.7	91.7	-	-	65.6
68.9	212.7	212.7	169.8	141.6	212.7	212.7	169.8	141.6	121.8	121.8	79.7	52.7	89.9	89.9	-	-	68.9
72.2	205.0	205.0	164.2	137.8	205.0	205.0	164.2	137.8	116.8	116.8	77.4	51.6	88.2	88.2	-	-	72.2
75.5	197.9	197.9	159.8	134.5	197.9	197.9	159.8	134.5	113.0	113.0	75.3	50.5	85.0	85.0	55.3	-	75.5
78.7	190.7	190.7	155.4	131.2	190.7	190.7	155.4	131.2	109.1	109.1	73.2	49.4	81.8	81.8	53.8	-	78.7
85.3	178.6	178.6	146.6	125.7	178.6	178.6	146.6	125.7	101.9	101.9	69.4	47.4	76.1	76.1	50.9	-	85.3
91.9	168.7	168.7	140.0	119.0	168.7	168.7	140.0	119.0	95.5	95.5	66.1	45.6	71.2	71.2	48.3	32.2	91.9
98.4	158.7	158.7	133.4	114.6	158.7	158.7	133.4	114.6	89.9	89.9	63.3	43.9	66.8	66.8	45.9	30.9	98.4
111.5	141.1	144.0	122.4	106.4	141.1	144.0	122.4	106.4	81.0	81.0	58.1	41.1	59.9	59.9	41.9	28.5	111.5
124.7	123.3	130.8	112.7	99.1	123.2	130.8	112.7	99.1	73.1	73.1	53.6	38.5	53.8	53.8	38.4	26.5	124.7
137.8	105.4	119.0	104.3	92.8	104.9	119.0	104.3	92.8	66.4	66.4	49.6	36.2	48.5	48.5	35.3	24.7	137.8
150.9	92.3	111.1	98.0	87.8	91.7	111.1	98.0	87.8	61.4	61.4	46.5	34.4	44.5	44.5	32.8	23.2	150.9
164.0	80.8	103.9	92.4	83.5	80.2	103.9	92.4	83.5	56.8	56.8	43.7	32.8	40.9	40.9	30.5	21.8	164.0
177.2	71.0	97.4	87.5	79.8	70.3	97.4	87.5	79.8	52.7	52.7	41.2	31.5	37.7	37.7	28.4	20.5	177.2
190.3	63.3	92.4	84.0	77.2	62.5	92.4	84.0	77.2	49.6	49.6	39.3	30.5	35.2	35.2	26.8	19.6	190.3
196.9	59.5	89.9	82.2	-	58.6	89.9	82.2	-	48.1	48.1	38.4	30.0	34.0	34.0	26.0	19.2	196.9
203.4	-	-	-	-	-	-	-	-	46.8	46.8	37.6	29.5	32.9	32.9	25.4	18.7	203.4
210.0	-	-	-	-	-	-	-	-	45.6	45.6	36.9	29.1	31.9	31.9	24.7	18.3	210.0
216.5	-	-	-	-	-	-	-	-	44.3	44.3	36.2	-	30.9	30.9	24.0	17.9	216.5
229.7	-	-	-	-	-	-	-	-	42.2	42.2	35.1	-	29.1	29.1	23.0	17.4	229.7
232.9	-	-	-	-	-	-	-	-	41.7	41.7	-	-	28.7	28.7	22.7	17.3	232.9
242.8	-	-	-	-	-	-	-	-	-	-	-	-	27.6	27.6	22.0	16.9	242.8
246.1	-	-	-	-	-	-	-	-	-	-	-	-	27.2	27.2	21.8	16.8	246.1
255.9	-	-	-	-	-	-	-	-	-	-	-	-	26.2	26.2	21.2	-	255.9
265.7	-	-	-	-	-	-	-	-	-	-	-	-	25.4	25.4	20.7	-	265.7
269.0	-	-	-	-	-	-	-	-	-	-	-	-	25.2	25.2	-	-	269.0
272.3	-	-	-	-	-	-	-	-	-	-	-	-	24.9	24.9	-	-	272.3

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	196.9 ft																
	SSL+LF_1				SSL+LF_2				SSL+LF_1								
	39.4 ft								78.7 ft				118.1 ft				
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		20°	30°	10°		20°	30°	
ft	1,000 lb																ft
36.1	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	36.1
39.4	275.6	275.6	242.5	-	275.6	275.6	242.5	-	-	-	-	-	-	-	-	-	39.4
42.7	275.6	275.6	232.6	185.2	275.6	275.6	232.6	185.2	-	-	-	-	-	-	-	-	42.7
45.9	275.6	275.6	222.7	179.7	275.6	275.6	222.7	179.7	156.5	156.5	-	-	-	-	-	-	45.9
52.5	273.4	273.4	208.3	168.7	273.4	273.4	208.3	168.7	152.1	152.1	-	-	-	-	-	-	52.5
59.1	251.3	251.3	194.0	158.7	251.3	251.3	194.0	158.7	142.2	142.2	88.4	-	92.6	92.6	-	-	59.1
65.6	231.5	231.5	181.9	149.9	231.5	231.5	181.9	149.9	131.2	131.2	83.3	-	91.7	91.7	-	-	65.6
72.2	216.1	216.1	172.0	143.3	216.1	216.1	172.0	143.3	121.3	121.3	78.9	52.0	89.9	89.9	-	-	72.2
75.5	208.9	208.9	167.0	139.4	208.9	208.9	167.0	139.4	117.4	117.4	76.9	50.9	87.3	87.3	56.0	-	75.5
78.7	201.7	201.7	162.0	135.6	201.7	201.7	162.0	135.6	113.5	113.5	75.0	49.8	84.7	84.7	54.5	-	78.7
85.3	189.6	189.6	153.2	130.1	189.6	189.6	153.2	130.1	106.5	106.5	71.4	48.1	78.9	78.9	51.6	-	85.3
91.9	178.6	178.6	146.6	124.6	178.6	178.6	146.6	124.6	100.1	100.1	68.1	46.3	74.1	74.1	49.2	-	91.9
95.1	173.6	173.6	142.7	121.8	173.6	173.6	142.7	121.8	97.2	97.2	66.6	45.4	71.9	71.9	48.0	31.7	95.1
98.4	168.7	168.7	138.9	119.0	168.7	168.7	138.9	119.0	94.4	94.4	65.0	44.5	69.7	69.7	46.7	31.1	98.4
111.5	142.2	152.5	127.9	110.8	142.2	152.5	127.9	110.8	85.1	85.1	60.0	41.7	62.5	62.5	42.9	28.9	111.5
124.7	120.2	138.5	118.2	103.4	119.9	138.5	118.2	103.4	77.0	77.0	55.6	39.2	56.2	56.2	39.4	26.9	124.7
137.8	102.5	126.8	110.0	96.8	101.9	126.8	110.0	96.8	70.1	70.1	51.6	37.0	50.9	50.9	36.2	25.1	137.8
150.9	89.3	117.9	103.2	91.6	88.6	117.9	103.2	91.6	64.8	64.8	48.4	35.3	46.7	46.7	33.8	23.7	150.9
164.0	77.7	110.2	97.2	87.1	77.0	110.2	97.2	87.1	60.0	60.0	45.5	33.7	42.9	42.9	31.6	22.3	164.0
177.2	67.7	103.6	91.9	83.1	67.0	103.6	91.9	83.1	55.8	55.8	43.0	32.2	39.7	39.7	29.5	20.9	177.2
190.3	59.6	98.0	87.8	80.0	58.8	98.0	87.8	80.0	52.4	52.4	40.9	31.2	37.0	37.0	27.8	20.1	190.3
203.4	52.3	93.1	84.4	77.3	51.4	93.1	84.4	77.3	49.4	49.4	39.1	30.2	34.6	34.6	26.2	19.2	203.4
206.7	50.7	92.1	83.7	76.7	49.8	92.1	83.7	76.7	48.7	48.7	38.7	30.0	34.1	34.1	25.9	19.0	206.7
213.3	47.4	89.9	82.3	-	46.5	89.9	82.3	-	47.4	47.4	37.9	29.5	33.0	33.0	25.2	18.5	213.3
216.5	-	-	81.6	-	-	-	81.6	-	46.7	46.7	37.5	29.3	32.4	32.4	24.9	18.3	216.5
223.1	-	-	-	-	-	-	-	-	45.5	45.6	36.9	29.1	31.5	31.5	24.4	18.0	223.1
229.7	-	-	-	-	-	-	-	-	44.2	44.5	36.3	-	30.6	30.6	23.9	17.7	229.7
242.8	-	-	-	-	-	-	-	-	40.7	42.5	35.3	-	29.0	29.0	22.9	17.2	242.8
246.1	-	-	-	-	-	-	-	-	39.5	42.1	35.1	-	28.7	28.7	22.6	17.1	246.1
249.3	-	-	-	-	-	-	-	-	38.4	41.7	-	-	28.3	28.3	22.3	17.0	249.3
255.9	-	-	-	-	-	-	-	-	-	-	-	-	27.6	27.6	21.8	16.8	255.9
259.2	-	-	-	-	-	-	-	-	-	-	-	-	27.3	27.3	21.7	16.8	259.2
269.0	-	-	-	-	-	-	-	-	-	-	-	-	26.4	26.4	21.2	-	269.0
282.2	-	-	-	-	-	-	-	-	-	-	-	-	25.4	25.4	20.7	-	282.2
288.7	-	-	-	-	-	-	-	-	-	-	-	-	24.9	24.9	-	-	288.7

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	216.5 ft																
	SSL+LF_1				SSL+LF_2				SSL+LF_1								
	39.4 ft								78.7 ft				118.1 ft				
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		20°	30°	10°		20°	30°	
ft	1,000 lb																ft
39.4	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	39.4
42.7	275.6	275.6	238.1	-	275.6	275.6	238.1	-	-	-	-	-	-	-	-	-	42.7
45.9	275.6	275.6	229.3	181.9	275.6	275.6	229.3	181.9	-	-	-	-	-	-	-	-	45.9
49.2	275.6	275.6	221.6	176.9	275.6	275.6	221.6	176.9	152.1	152.1	-	-	-	-	-	-	49.2
52.5	275.6	275.6	213.8	172.0	275.6	275.6	213.8	172.0	152.1	152.1	-	-	-	-	-	-	52.5
59.1	262.4	262.4	200.6	162.0	262.4	262.4	200.6	162.0	144.4	144.4	-	-	92.2	92.2	-	-	59.1
62.3	252.4	252.4	194.6	158.2	252.4	252.4	194.6	158.2	140.0	140.0	87.1	-	91.8	91.8	-	-	62.3
65.6	242.5	242.5	188.5	154.3	242.5	242.5	188.5	154.3	135.6	135.6	84.7	-	91.5	91.5	-	-	65.6
72.2	224.9	224.9	177.5	146.6	224.9	224.9	177.5	146.6	125.7	125.7	80.5	52.2	89.7	89.7	-	-	72.2
78.7	211.6	211.6	168.7	140.0	211.6	211.6	168.7	140.0	117.9	117.9	76.5	50.3	86.6	86.6	55.1	-	78.7
85.3	199.5	199.5	159.8	134.5	199.5	199.5	159.8	134.5	110.2	110.2	73.0	48.5	81.6	81.6	52.5	-	85.3
91.9	186.3	187.4	152.1	129.0	184.1	187.4	152.1	129.0	104.5	104.5	69.7	46.7	76.7	76.7	50.0	-	91.9
95.1	176.9	182.4	148.8	126.2	175.3	182.4	148.8	126.2	101.5	101.5	68.2	46.0	74.4	74.4	48.8	31.7	95.1
98.4	167.6	177.5	145.5	123.5	166.4	177.5	145.5	123.5	98.5	98.5	66.8	45.2	72.1	72.1	47.6	31.3	98.4
111.5	141.1	161.3	133.7	114.6	139.3	161.3	133.7	114.6	89.1	89.1	61.7	42.5	64.9	64.9	43.8	29.1	111.5
124.7	118.8	147.0	123.5	107.1	116.6	147.0	123.5	107.1	80.8	80.8	57.1	40.1	58.6	58.6	40.3	27.1	124.7
137.8	100.5	134.5	114.6	100.8	98.5	134.5	114.6	100.8	73.6	73.6	53.1	37.7	53.1	53.1	37.3	25.4	137.8
150.9	87.3	124.9	108.0	95.3	85.3	124.9	108.0	95.3	68.0	68.0	50.0	35.9	48.9	48.9	34.8	23.9	150.9
164.0	75.6	116.6	101.9	90.5	73.5	116.6	101.9	90.5	63.1	63.1	47.2	34.3	45.0	45.0	32.5	22.6	164.0
177.2	65.5	109.6	96.3	86.2	63.1	109.6	96.3	86.2	58.6	58.6	44.5	32.8	41.7	41.7	30.4	21.4	177.2
190.3	57.2	103.7	91.9	82.8	54.8	103.7	91.9	82.8	55.1	55.1	42.3	31.7	38.9	38.9	28.8	20.5	190.3
203.4	49.9	98.3	88.0	79.9	47.4	98.3	88.0	79.9	52.0	52.0	40.4	30.6	36.4	36.4	27.3	19.6	203.4
216.5	43.4	93.5	84.4	77.4	40.8	93.5	84.4	77.4	49.2	49.2	38.8	29.8	34.2	34.2	25.8	18.7	216.5
223.1	40.7	91.6	83.2	76.5	38.1	91.6	83.2	76.5	46.4	48.0	38.1	29.5	33.2	33.2	25.2	18.4	223.1
229.7	37.9	89.7	82.0	-	35.5	89.7	82.0	-	43.6	46.8	37.3	29.2	32.3	32.3	24.6	18.2	229.7
232.9	-	-	81.4	-	-	-	81.4	-	42.2	46.2	37.0	29.0	31.8	31.8	24.3	18.0	232.9
236.2	-	-	-	-	-	-	-	-	40.8	45.6	36.6	28.9	31.3	31.3	24.0	17.9	236.2
242.8	-	-	-	-	-	-	-	-	38.5	44.7	36.1	-	30.5	30.5	23.6	17.6	242.8
255.9	-	-	-	-	-	-	-	-	34.0	42.8	35.1	-	28.9	28.9	22.7	17.0	255.9
259.2	-	-	-	-	-	-	-	-	33.0	42.4	35.1	-	28.5	28.5	22.5	16.9	259.2
269.0	-	-	-	-	-	-	-	-	30.0	41.2	-	-	27.6	27.6	21.8	16.7	269.0
275.6	-	-	-	-	-	-	-	-	-	-	-	-	26.9	26.9	21.4	16.5	275.6
282.2	-	-	-	-	-	-	-	-	-	-	-	-	26.4	26.4	21.2	-	282.2
295.3	-	-	-	-	-	-	-	-	-	-	-	-	25.4	25.4	20.7	-	295.3
298.6	-	-	-	-	-	-	-	-	-	-	-	-	25.1	25.1	20.5	-	298.6
305.1	-	-	-	-	-	-	-	-	-	-	-	-	24.5	24.7	-	-	305.1

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	236.2 ft																
	SSL+LF_1				SSL+LF_2				SSL+LF_1								
	39.4 ft								78.7 ft				118.1 ft				
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°	15°	20°		10°	15°	20°		10°	20°	30°		10°	20°	30°		
ft	1,000 lb																ft
39.4	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	39.4
42.7	275.6	275.6	242.5	-	275.6	275.6	242.5	-	-	-	-	-	-	-	-	-	42.7
45.9	275.6	275.6	233.7	185.2	275.6	275.6	233.7	185.2	-	-	-	-	-	-	-	-	45.9
49.2	275.6	275.6	226.0	180.2	275.6	275.6	226.0	180.2	153.2	153.2	-	-	-	-	-	-	49.2
52.5	275.6	275.6	218.3	175.3	275.6	275.6	218.3	175.3	153.2	153.2	-	-	-	-	-	-	52.5
59.1	271.2	271.2	205.0	165.3	271.2	271.2	205.0	165.3	146.6	146.6	-	-	-	-	-	-	59.1
62.3	261.2	261.2	199.5	161.5	261.2	261.2	199.5	161.5	143.3	143.3	88.2	-	91.1	91.1	-	-	62.3
65.6	251.3	251.3	194.0	157.6	251.3	251.3	194.0	157.6	140.0	140.0	85.8	-	91.1	91.1	-	-	65.6
72.2	235.9	235.9	183.0	149.9	235.9	235.9	183.0	149.9	130.1	130.1	81.6	-	89.7	89.7	-	-	72.2
75.5	228.2	228.2	178.6	146.6	228.2	228.2	178.6	146.6	126.2	126.2	79.7	51.6	88.8	88.8	-	-	75.5
78.7	220.5	220.5	174.2	143.3	220.5	220.5	174.2	143.3	122.4	122.4	77.8	50.7	88.0	88.0	54.9	-	78.7
85.3	205.0	208.3	165.3	137.8	202.8	208.3	165.3	137.8	114.6	114.6	74.3	48.9	83.6	83.6	53.1	-	85.3
91.9	183.0	197.3	157.6	132.3	181.9	197.3	157.6	132.3	108.5	108.5	71.2	47.2	79.1	79.1	50.7	-	91.9
98.4	165.3	186.3	151.0	126.8	163.1	186.3	151.0	126.8	102.5	102.5	68.3	45.6	74.5	74.5	48.5	31.3	98.4
111.5	138.2	169.4	139.3	118.7	136.0	169.4	139.3	118.7	92.8	92.8	63.3	43.0	67.2	67.2	44.7	29.2	111.5
124.7	115.6	154.7	129.0	111.2	113.4	154.7	129.0	111.2	84.4	84.4	58.9	40.6	60.8	60.8	41.2	27.4	124.7
137.8	97.7	142.2	120.2	104.3	95.5	142.2	120.2	104.3	77.2	77.2	54.9	38.4	55.3	55.3	38.1	25.8	137.8
150.9	84.3	131.9	113.0	98.8	81.9	131.9	113.0	98.8	71.4	71.4	51.7	36.6	50.9	50.9	35.6	24.3	150.9
164.0	72.3	123.1	106.4	93.8	69.8	123.1	106.4	93.8	66.3	66.3	48.7	35.0	47.0	47.0	33.4	23.0	164.0
177.2	61.7	115.7	100.5	89.3	59.1	115.7	100.5	89.3	61.7	61.7	46.1	33.5	43.4	43.4	31.3	21.8	177.2
190.3	53.5	109.3	95.8	85.8	50.7	109.3	95.8	85.8	57.9	57.9	43.9	32.3	40.6	40.6	29.7	20.8	190.3
203.4	46.1	103.5	91.6	82.5	43.3	103.5	91.6	82.5	52.6	54.5	41.8	31.2	38.1	38.1	28.1	19.9	203.4
216.5	39.5	98.3	87.7	79.6	36.8	98.3	87.7	79.6	45.9	51.4	39.9	30.2	35.7	35.7	26.7	19.2	216.5
229.7	34.2	94.2	84.8	77.5	31.4	94.2	84.8	77.5	40.3	48.9	38.4	29.5	33.7	33.7	25.5	18.4	229.7
239.5	30.4	91.3	82.8	76.1	27.6	91.3	82.8	76.1	36.3	47.1	37.4	29.0	32.2	32.2	24.7	17.9	239.5
242.8	29.3	90.5	82.2	-	26.5	90.5	82.2	-	35.1	46.6	37.1	28.9	31.8	31.8	24.4	17.8	242.8
249.3	27.1	88.8	81.1	-	24.3	88.8	81.1	-	32.8	45.6	36.5	28.7	31.0	31.0	23.9	17.5	249.3
255.9	-	-	-	-	-	-	-	-	30.4	44.5	35.9	-	30.2	30.2	23.4	17.2	255.9
269.0	-	-	-	-	-	-	-	-	26.5	42.9	35.2	-	28.9	28.9	22.5	16.8	269.0
275.6	-	-	-	-	-	-	-	-	24.5	42.1	34.8	-	28.2	28.2	22.0	16.5	275.6
282.2	-	-	-	-	-	-	-	-	22.9	41.4	-	-	26.6	27.6	21.8	16.4	282.2
285.4	-	-	-	-	-	-	-	-	22.0	41.0	-	-	25.8	27.3	21.6	16.4	285.4
288.7	-	-	-	-	-	-	-	-	-	-	-	-	25.0	27.0	21.5	16.3	288.7
295.3	-	-	-	-	-	-	-	-	-	-	-	-	23.4	26.5	21.2	-	295.3
308.4	-	-	-	-	-	-	-	-	-	-	-	-	20.4	25.6	20.7	-	308.4
315.0	-	-	-	-	-	-	-	-	-	-	-	-	19.0	25.1	20.5	-	315.0
321.5	-	-	-	-	-	-	-	-	-	-	-	-	17.6	24.7	-	-	321.5

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	255.9 ft																
	SSL+LF_1				SSL+LF_2				SSL+LF_1								
	39.4 ft								78.7 ft				118.1 ft				
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		20°	30°	10°		20°	30°	
ft	1,000 lb																ft
42.7	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	42.7
45.9	275.6	275.6	238.1	-	275.6	275.6	238.1	-	-	-	-	-	-	-	-	-	45.9
49.2	275.6	275.6	230.4	181.9	275.6	275.6	230.4	181.9	-	-	-	-	-	-	-	-	49.2
52.5	275.6	275.6	222.7	177.5	275.6	275.6	222.7	177.5	148.8	148.8	-	-	-	-	-	-	52.5
59.1	275.6	275.6	210.5	168.7	273.4	273.4	210.5	168.7	146.6	146.6	-	-	-	-	-	-	59.1
62.3	269.0	269.0	204.5	164.8	267.9	267.9	204.5	164.8	143.9	143.9	-	-	90.2	90.2	-	-	62.3
65.6	262.4	262.4	198.4	160.9	262.4	262.4	198.4	160.9	141.1	141.1	86.9	-	90.2	90.2	-	-	65.6
72.2	242.5	244.7	188.5	153.2	240.3	244.7	188.5	153.2	134.5	134.5	82.7	-	89.1	89.1	-	-	72.2
78.7	220.5	229.3	179.7	147.7	217.2	229.3	179.7	147.7	125.7	125.7	79.1	50.9	87.7	87.7	-	-	78.7
82.0	210.5	223.2	175.3	144.4	207.2	223.2	175.3	144.4	121.8	121.8	77.4	50.0	86.3	86.3	55.1	-	82.0
85.3	200.6	217.2	170.9	141.1	197.3	217.2	170.9	141.1	117.9	117.9	75.6	49.2	84.9	84.9	53.8	-	85.3
91.9	181.9	205.0	163.1	135.6	179.7	205.0	163.1	135.6	111.3	111.3	72.5	47.6	80.9	80.9	51.4	-	91.9
98.4	163.1	195.1	156.5	131.2	160.9	195.1	156.5	131.2	106.3	106.3	69.7	46.1	76.9	76.9	49.2	31.5	98.4
111.5	136.0	177.5	144.8	122.4	133.7	177.5	144.8	122.4	96.4	96.4	64.7	43.6	69.4	69.4	45.5	29.5	111.5
124.7	113.5	162.0	134.1	114.6	111.1	162.0	134.1	114.6	87.7	87.7	60.2	41.2	62.9	62.9	42.1	27.6	124.7
137.8	95.7	148.8	124.6	107.8	93.0	148.8	124.6	107.8	80.2	80.2	56.2	39.0	57.3	57.3	39.0	26.0	137.8
150.9	82.2	138.5	117.2	102.1	79.2	138.5	117.2	102.1	74.4	74.4	53.0	37.3	52.9	52.9	36.5	24.7	150.9
164.0	70.0	129.3	110.6	96.9	66.9	129.3	110.6	96.9	69.1	69.1	50.0	35.6	48.9	48.9	34.2	23.4	164.0
177.2	59.3	121.3	104.7	92.4	56.2	121.3	104.7	92.4	64.4	64.4	47.4	34.2	45.2	45.2	32.2	22.3	177.2
190.3	50.9	114.6	99.7	88.6	48.0	114.6	99.7	88.6	57.3	60.6	45.2	32.8	42.3	42.3	30.4	21.2	190.3
203.4	43.4	108.6	95.2	85.1	40.5	108.6	95.2	85.1	50.3	57.0	43.1	31.7	39.6	39.6	28.9	20.3	203.4
216.5	36.8	103.2	91.3	82.0	33.7	103.2	91.3	82.0	43.4	53.8	41.2	30.9	37.3	37.3	27.6	19.4	216.5
229.7	31.5	98.6	87.9	79.7	28.4	98.6	87.9	79.7	37.8	51.1	39.6	30.0	35.2	35.2	26.2	18.7	229.7
242.8	26.7	94.5	85.0	77.6	23.6	94.5	85.0	77.6	32.7	48.7	38.2	29.2	33.3	33.3	25.1	18.0	242.8
255.9	22.3	90.8	82.5	75.8	19.2	90.8	82.5	75.8	28.0	46.5	37.0	28.7	31.5	31.5	24.0	17.4	255.9
265.7	19.4	88.6	80.9	-	16.3	88.6	80.9	-	25.0	45.2	36.3	28.4	29.0	30.4	23.4	17.1	265.7
269.0	-	-	-	-	-	-	-	-	24.0	44.8	36.0	-	28.1	30.1	23.1	17.0	269.0
282.2	-	-	-	-	-	-	-	-	20.4	43.1	35.1	-	24.7	28.7	22.3	16.6	282.2
292.0	-	-	-	-	-	-	-	-	18.0	42.0	34.6	-	22.0	27.9	21.8	16.4	292.0
295.3	-	-	-	-	-	-	-	-	17.2	41.7	-	-	21.2	27.6	21.6	16.3	295.3
301.8	-	-	-	-	-	-	-	-	15.7	41.0	-	-	19.7	27.0	21.3	16.3	301.8
308.4	-	-	-	-	-	-	-	-	-	-	-	-	18.2	26.5	21.0	-	308.4
321.5	-	-	-	-	-	-	-	-	-	-	-	-	15.4	25.6	20.5	-	321.5
331.4	-	-	-	-	-	-	-	-	-	-	-	-	13.4	24.9	20.3	-	331.4
334.6	-	-	-	-	-	-	-	-	-	-	-	-	12.8	24.7	-	-	334.6
337.9	-	-	-	-	-	-	-	-	-	-	-	-	12.1	24.7	-	-	337.9

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	275.6 ft																
	SSL+LF_1				SSL+LF_2				SSL+LF_1								
	39.4 ft								78.7 ft				118.1 ft				
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		20°	30°	10°		20°	30°	
ft	1,000 lb																ft
42.7	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	42.7
45.9	275.6	275.6	240.3	-	275.6	275.6	240.3	-	-	-	-	-	-	-	-	-	45.9
49.2	275.6	275.6	233.7	184.1	275.6	275.6	233.7	184.1	-	-	-	-	-	-	-	-	49.2
52.5	275.6	275.6	227.1	179.7	275.6	275.6	227.1	179.7	145.5	145.5	-	-	-	-	-	-	52.5
59.1	275.6	275.6	215.0	170.9	275.6	275.6	215.0	170.9	145.5	145.5	-	-	-	-	-	-	59.1
65.6	260.1	269.0	203.9	163.1	257.9	269.0	203.9	163.1	141.1	141.1	87.7	-	88.8	88.8	-	-	65.6
72.2	233.7	253.5	192.9	156.5	231.5	253.5	192.9	156.5	136.7	136.7	83.8	-	88.4	88.4	-	-	72.2
78.7	212.7	238.1	184.1	149.9	209.4	238.1	184.1	149.9	130.1	130.1	80.2	51.1	87.3	87.3	-	-	78.7
85.3	194.0	224.9	175.3	144.4	190.7	224.9	175.3	144.4	122.4	122.4	76.9	49.4	85.8	85.8	54.2	-	85.3
91.9	176.4	213.8	167.6	138.9	173.1	213.8	167.6	138.9	115.7	115.7	73.9	47.8	82.2	82.2	52.0	-	91.9
98.4	160.9	202.8	160.9	134.5	158.7	202.8	160.9	134.5	109.8	109.8	71.0	46.5	78.5	78.5	49.8	-	98.4
101.7	154.1	198.4	158.0	132.3	151.8	198.4	158.0	132.3	107.3	107.3	69.8	45.9	76.7	76.7	48.9	31.1	101.7
111.5	133.7	185.2	149.2	125.7	130.8	185.2	149.2	125.7	99.9	99.9	66.1	44.0	71.4	71.4	46.2	29.6	111.5
124.7	111.0	169.4	138.5	117.6	107.9	169.4	138.5	117.6	91.2	91.2	61.7	41.7	65.0	65.0	42.8	27.9	124.7
137.8	92.6	155.4	129.0	110.2	89.9	155.4	129.0	110.2	83.6	83.6	57.8	39.5	59.3	59.3	39.9	26.2	137.8
150.9	78.6	145.1	121.6	104.9	75.7	145.1	121.6	104.9	77.5	77.5	54.4	37.7	54.7	54.7	37.4	24.9	150.9
164.0	66.3	135.6	114.9	99.9	63.2	135.6	114.9	99.9	70.8	72.0	51.4	36.1	50.6	50.6	35.1	23.7	164.0
177.2	55.6	126.8	108.7	95.2	52.5	126.8	108.7	95.2	63.5	67.0	48.7	34.6	47.0	47.0	33.1	22.5	177.2
190.3	47.2	119.4	103.5	91.3	44.1	119.4	103.5	91.3	54.8	63.1	46.4	33.4	44.0	44.0	31.3	21.5	190.3
203.4	39.7	113.1	98.8	87.7	36.5	113.1	98.8	87.7	47.0	59.5	44.2	32.3	41.3	41.3	29.7	20.6	203.4
216.5	33.1	107.8	94.6	84.4	29.8	107.8	94.6	84.4	40.1	56.2	42.3	31.3	38.8	38.8	28.2	19.8	216.5
229.7	27.6	103.1	91.1	81.8	24.3	103.1	91.1	81.8	34.4	53.4	40.7	30.4	36.6	36.6	26.9	19.1	229.7
242.8	22.7	98.8	87.8	79.4	19.4	98.8	87.8	79.4	29.2	50.9	39.2	29.6	33.4	34.6	25.7	18.4	242.8
255.9	18.3	94.8	84.9	77.4	15.0	94.8	84.9	77.4	24.5	48.5	37.9	28.9	29.3	32.8	24.7	17.9	255.9
269.0	14.6	91.6	82.7	75.8	11.3	90.2	82.7	75.8	20.5	46.6	36.9	28.4	25.2	31.4	23.8	17.3	269.0
272.3	13.7	90.8	82.1	75.4	10.4	89.1	82.1	75.4	19.5	46.1	36.6	28.3	24.2	31.0	23.6	17.1	272.3
278.9	12.0	88.7	81.1	-	8.7	86.2	81.1	-	17.7	45.2	36.2	28.2	22.3	30.3	23.2	16.9	278.9
282.2	11.2	87.5	80.7	-	7.9	84.4	80.7	-	16.8	44.8	35.9	-	21.4	30.0	23.0	16.8	282.2
295.3	-	-	-	-	-	-	-	-	13.4	43.0	35.1	-	17.9	28.7	22.3	16.5	295.3
308.4	-	-	-	-	-	-	-	-	10.7	41.8	34.4	-	14.9	27.5	21.5	16.2	308.4
315.0	-	-	-	-	-	-	-	-	9.3	41.2	-	-	13.4	26.9	21.2	16.1	315.0
318.2	-	-	-	-	-	-	-	-	8.6	40.8	-	-	12.8	26.7	21.1	-	318.2
321.5	-	-	-	-	-	-	-	-	-	-	-	-	12.1	26.5	20.9	-	321.5
334.6	-	-	-	-	-	-	-	-	-	-	-	-	9.5	25.6	20.5	-	334.6
341.2	-	-	-	-	-	-	-	-	-	-	-	-	8.2	25.2	20.4	-	341.2
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	24.8	20.1	-	347.8
354.3	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5	-	-	354.3

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	295.3 ft				315.0 ft				334.6 ft				354.3 ft				
	SSL+LF_2																
	39.4 ft																
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		15°	20°	10°		15°	20°	
ft	1,000 lb																ft
45.9	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	45.9
49.2	275.6	275.6	238.1	-	275.6	275.6	240.3	-	275.6	275.6	-	-	271.2	271.2	-	-	49.2
52.5	275.6	275.6	231.5	181.9	275.6	275.6	233.7	184.1	275.6	275.6	238.1	-	271.2	271.2	240.3	-	52.5
55.8	275.6	275.6	225.4	178.0	273.4	275.6	228.2	179.7	269.0	275.6	231.5	181.9	262.4	271.2	234.8	183.0	55.8
59.1	275.6	275.6	219.4	174.2	271.2	275.6	222.7	175.3	262.4	275.6	224.9	177.5	253.5	271.2	229.3	179.7	59.1
65.6	251.3	273.4	207.2	166.4	240.3	275.6	211.6	168.7	233.7	275.6	215.0	170.9	224.9	271.2	218.3	172.0	65.6
72.2	224.9	260.1	197.3	159.8	217.2	269.0	201.7	162.0	210.5	275.6	205.0	164.2	202.8	271.2	209.4	166.4	72.2
78.7	203.9	246.9	188.5	153.2	196.2	253.5	192.9	155.4	190.7	260.1	196.2	157.6	183.0	266.8	200.6	159.8	78.7
85.3	185.2	233.7	179.7	147.7	177.5	240.3	184.1	149.9	172.0	246.9	188.5	152.1	165.3	253.5	191.8	154.3	85.3
91.9	168.7	220.5	172.0	142.2	162.0	227.1	176.4	144.4	156.5	235.9	180.8	146.6	149.9	242.5	184.1	149.9	91.9
98.4	154.3	210.5	165.3	136.7	147.7	217.2	169.8	140.0	143.3	222.7	174.2	142.2	136.7	229.3	177.5	144.4	98.4
111.5	128.6	192.2	153.6	128.6	124.2	198.8	158.0	131.2	121.3	205.0	161.7	133.4	115.7	211.6	165.7	136.3	111.5
124.7	106.6	176.0	142.9	120.9	103.1	182.6	147.3	123.5	100.9	188.9	150.6	125.7	96.3	195.5	154.7	128.6	124.7
137.8	88.2	162.0	133.4	113.5	84.4	168.7	137.8	116.8	82.2	174.2	141.1	119.0	78.7	180.8	144.4	121.3	137.8
150.9	73.8	151.0	125.3	108.0	70.0	156.9	129.7	111.0	67.8	163.1	133.0	113.2	64.2	168.3	136.3	115.4	150.9
164.0	61.2	141.1	118.3	102.8	57.4	146.6	122.4	105.6	55.2	152.9	125.7	107.9	51.4	157.3	129.0	110.2	164.0
177.2	50.5	132.3	112.4	98.1	46.5	137.8	115.7	100.8	44.3	143.3	119.0	103.2	40.6	147.7	122.4	105.6	177.2
190.3	42.1	124.9	107.1	94.0	38.1	130.4	110.6	96.5	35.9	135.2	113.9	98.9	32.0	139.6	117.2	101.3	190.3
203.4	34.5	118.3	102.3	90.2	30.6	123.5	105.7	92.7	28.4	127.9	109.0	95.0	24.4	132.3	112.1	97.4	203.4
216.5	27.8	112.4	97.9	86.9	23.8	116.8	101.0	89.3	21.6	121.3	104.3	91.5	17.6	125.7	107.1	93.7	216.5
229.7	22.3	107.4	94.1	84.1	18.4	111.7	97.2	86.2	16.0	115.4	100.2	88.4	12.1	119.0	103.0	90.5	229.7
239.5	18.5	103.9	91.4	82.1	14.5	108.0	94.4	84.1	12.1	111.4	97.2	86.2	7.9	113.9	100.1	88.2	239.5
242.8	17.3	102.8	90.6	81.5	13.4	106.9	93.6	83.5	10.9	110.5	96.3	85.5	-	112.0	99.2	87.5	242.8
249.3	15.1	100.7	89.1	80.3	11.1	104.7	92.0	82.3	8.6	108.5	94.6	84.2	-	108.2	97.4	86.2	249.3
255.9	12.8	98.5	87.5	79.1	8.8	102.5	90.4	81.1	-	106.3	93.0	82.9	-	104.5	95.7	84.9	255.9
259.2	11.9	97.2	86.9	78.7	7.7	101.4	89.5	80.6	-	104.3	92.2	82.4	-	102.6	94.9	84.3	259.2
269.0	9.1	93.3	85.1	77.4	-	95.9	86.6	79.1	-	98.3	89.7	80.8	-	96.7	92.6	82.5	269.0
272.3	8.2	91.4	84.4	76.9	-	94.0	85.6	78.6	-	96.3	88.8	80.3	-	94.8	91.8	81.9	272.3
282.2	-	85.8	81.4	75.8	-	87.7	81.4	75.7	-	90.1	84.4	77.1	-	88.8	87.6	78.6	282.2
288.7	-	82.0	79.1	75.2	-	83.3	78.0	73.3	-	85.8	80.9	74.4	-	84.9	84.1	75.9	288.7
295.3	-	78.3	76.7	-	-	78.9	74.7	71.0	-	81.6	77.4	71.7	-	80.9	80.7	73.2	295.3
298.6	-	76.3	75.4	-	-	76.7	73.0	69.8	-	79.5	75.6	70.3	-	79.0	78.8	71.7	298.6
301.8	-	-	-	-	-	74.5	71.4	68.6	-	77.3	73.9	69.0	-	77.1	76.8	70.2	301.8
308.4	-	-	-	-	-	70.1	68.0	-	-	73.1	70.3	66.4	-	73.2	73.0	67.2	308.4
315.0	-	-	-	-	-	65.7	64.6	-	-	68.8	66.8	63.7	-	69.2	69.2	64.2	315.0
318.2	-	-	-	-	-	-	63.1	-	-	66.7	65.0	62.2	-	67.2	67.3	62.6	318.2
321.5	-	-	-	-	-	-	-	-	-	64.6	63.2	-	-	65.3	65.4	61.1	321.5
334.6	-	-	-	-	-	-	-	-	-	56.2	56.0	-	-	57.3	57.8	54.9	334.6
347.8	-	-	-	-	-	-	-	-	-	-	-	-	-	49.6	50.0	-	347.8
351.1	-	-	-	-	-	-	-	-	-	-	-	-	-	47.6	48.1	-	351.1

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Notes

452.8 ft
433.1 ft
413.4 ft
393.7 ft
374.0 ft
354.3 ft
334.6 ft
315.0 ft
295.3 ft
275.6 ft
255.9 ft
118.1 ft
78.7 ft
39.4 ft
608 592 576 560 544 528 512 496 480 464 448 432 416 400 384 368 352 336 320 304 288 272 256 240 224 208 192 176 160 144 128 112 96 80 64 48 32 16 0
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400 416 432 448 ft

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	255.9 ft				275.6 ft				295.3 ft								
	LSL+LF_3								LSL+LF_2				LSL+LF_3				
	39.4 ft																
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		15°	20°	10°		15°	20°	
ft	1,000 lb																ft
42.7	275.6	275.6	-	-	275.6	275.6	-	-	-	-	-	-	-	-	-	-	42.7
45.9	275.6	275.6	264.6	-	275.6	275.6	269.0	-	275.6	275.6	-	-	275.6	275.6	-	-	45.9
49.2	275.6	275.6	256.8	198.4	275.6	275.6	261.2	200.6	275.6	275.6	240.3	-	275.6	275.6	264.6	-	49.2
52.5	275.6	275.6	249.1	192.9	275.6	275.6	253.5	195.1	275.6	275.6	233.7	174.2	275.6	275.6	257.9	197.3	52.5
59.1	275.6	275.6	233.7	184.1	275.6	275.6	238.1	186.3	275.6	275.6	220.5	166.4	275.6	275.6	242.5	189.6	59.1
65.6	271.2	275.6	220.5	175.3	262.4	275.6	227.1	178.6	255.7	275.6	209.4	159.8	253.5	275.6	231.5	180.8	65.6
72.2	244.7	257.9	209.4	167.6	235.9	266.8	215.0	170.9	229.3	269.0	199.5	153.2	229.3	275.6	220.5	174.2	72.2
78.7	222.7	242.5	199.5	160.9	215.0	251.3	205.0	164.2	208.3	253.5	190.7	147.7	207.2	260.1	209.4	167.6	78.7
85.3	202.8	229.3	190.7	154.3	196.2	238.1	195.1	157.6	189.6	238.1	181.9	142.2	188.5	244.7	200.6	160.9	85.3
91.9	183.0	217.2	181.9	148.8	179.7	224.9	187.4	152.1	174.2	224.9	174.2	136.7	173.1	233.7	191.8	155.4	91.9
98.4	164.2	206.1	174.2	143.3	162.0	213.8	179.7	146.6	159.8	215.0	167.6	132.3	158.7	222.7	184.1	149.9	98.4
111.5	137.8	187.8	160.9	133.7	134.8	195.5	166.4	137.1	133.4	196.6	155.1	124.2	132.3	203.6	170.9	140.4	111.5
124.7	115.3	171.6	149.2	125.3	112.4	179.3	154.7	128.6	110.9	180.0	144.0	116.8	109.9	186.7	159.1	131.9	124.7
137.8	96.8	157.6	138.9	117.9	94.6	165.3	144.4	121.3	92.4	165.3	134.5	110.2	91.5	172.0	148.8	124.6	137.8
150.9	83.6	146.6	130.8	112.2	80.8	153.6	135.6	115.4	78.4	153.6	126.4	105.1	77.4	160.2	140.0	118.7	150.9
164.0	71.6	137.1	123.5	106.9	68.5	143.3	127.9	109.9	66.1	143.3	119.0	100.2	64.9	149.5	131.9	113.2	164.0
177.2	60.8	129.0	116.8	101.9	57.8	134.5	121.3	104.9	55.3	134.5	112.4	95.7	54.0	140.0	124.6	108.0	177.2
190.3	52.5	121.6	111.3	97.7	49.4	127.1	115.4	100.7	47.0	127.1	107.6	91.7	45.6	132.6	118.7	103.6	190.3
203.4	45.0	115.2	106.2	94.0	41.9	120.5	110.1	96.8	39.4	120.2	102.9	88.1	38.1	125.7	113.5	99.6	203.4
216.5	38.4	109.6	101.6	90.6	35.3	114.6	105.4	93.3	32.6	113.5	98.3	84.9	31.3	119.0	109.1	95.9	216.5
229.7	33.1	104.7	98.0	88.0	29.8	109.5	101.4	90.3	27.2	108.7	94.7	82.2	25.9	113.9	105.0	92.8	229.7
242.8	28.2	100.4	94.7	85.7	24.9	104.8	97.8	87.7	22.3	104.1	91.2	79.8	20.9	109.1	101.2	90.0	242.8
255.9	23.8	96.6	91.7	83.8	20.5	100.5	94.6	85.5	17.9	99.6	88.0	77.6	16.5	104.7	97.7	87.5	255.9
265.7	20.9	94.1	90.2	-	17.7	98.0	92.7	84.2	15.1	97.0	86.1	76.4	13.8	100.6	95.5	86.0	265.7
269.0	-	-	-	-	16.8	97.2	92.1	83.8	14.2	96.1	85.5	76.0	12.9	99.3	94.7	85.5	269.0
272.3	-	-	-	-	15.9	96.3	91.5	83.3	13.3	95.2	84.8	75.6	11.9	97.9	94.0	85.0	272.3
282.2	-	-	-	-	13.4	92.8	89.9	-	10.8	92.2	83.2	74.5	9.4	92.8	90.2	83.8	282.2
285.4	-	-	-	-	-	-	89.5	-	10.0	91.1	82.7	74.2	8.5	90.9	88.6	83.4	285.4
288.7	-	-	-	-	-	-	-	-	9.2	89.9	82.2	73.9	7.7	89.1	87.2	83.1	288.7
292.0	-	-	-	-	-	-	-	-	8.4	88.2	81.6	-	-	87.2	85.7	-	292.0
295.3	-	-	-	-	-	-	-	-	-	86.2	81.1	-	-	85.3	84.2	-	295.3
298.6	-	-	-	-	-	-	-	-	-	84.4	80.8	-	-	83.4	82.7	-	298.6
301.8	-	-	-	-	-	-	-	-	-	-	80.5	-	-	81.6	81.1	-	301.8

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	315.0 ft								334.6 ft								
	LSL+LF_2				LSL+LF_3				LSL+LF_2				LSL+LF_3				
	39.4 ft																
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°	15°		20°	10°	15°		20°	10°	15°		20°	10°	15°		20°	
ft	1,000 lb																ft
49.2	275.6	275.6	-	-	275.6	275.6	-	-	240.3	240.3	-		275.6	275.6	-	-	49.2
52.5	275.6	275.6	238.1	-	275.6	275.6	260.1	-	240.3	240.3	218.3	-	275.6	275.6	264.6	-	52.5
55.8	273.4	273.4	231.5	172.0	275.6	275.6	253.5	195.1	238.1	238.1	217.2	174.2	271.2	275.6	257.9	197.3	55.8
59.1	271.2	271.2	224.9	168.7	275.6	275.6	246.9	191.8	235.9	235.9	216.1	170.9	266.8	275.6	251.3	192.9	59.1
65.6	249.1	266.8	213.8	162.0	246.9	275.6	235.9	184.1	231.5	231.5	211.6	164.2	238.1	275.6	240.3	186.3	65.6
72.2	222.7	262.4	203.9	155.4	222.7	275.6	224.9	176.4	218.3	227.1	207.2	157.6	215.0	275.6	229.3	178.6	72.2
78.7	202.8	257.9	195.1	149.9	201.7	266.8	215.0	169.8	197.3	222.7	198.4	152.1	194.0	275.6	219.4	172.0	78.7
85.3	185.2	246.9	186.3	144.4	183.0	253.5	205.0	164.2	179.7	218.3	190.7	146.6	176.4	260.1	209.4	166.4	85.3
91.9	169.8	233.7	178.6	140.0	167.6	240.3	197.3	157.6	164.2	212.7	183.0	142.2	160.9	249.1	201.7	160.9	91.9
98.4	155.4	222.7	170.9	134.5	153.2	229.3	189.6	153.2	151.0	207.2	175.3	137.8	147.7	235.9	194.0	155.4	98.4
111.5	130.4	203.6	159.1	126.4	129.0	210.2	176.4	143.7	128.2	196.9	163.5	129.7	124.9	216.8	180.8	146.6	111.5
124.7	109.0	186.7	148.4	119.0	107.7	193.3	164.2	135.2	107.6	187.4	152.5	122.4	104.4	199.9	168.7	138.2	124.7
137.8	91.1	172.0	138.9	112.4	89.5	178.6	153.2	127.9	89.1	178.6	142.2	115.7	86.0	185.2	157.6	130.1	137.8
150.9	76.9	160.2	130.8	107.4	75.1	166.8	144.4	121.3	74.8	166.1	134.1	110.2	71.6	172.7	148.8	124.2	150.9
164.0	64.4	149.5	123.5	102.7	62.5	155.8	136.3	115.4	62.2	155.1	126.8	105.0	58.9	161.3	140.7	118.7	164.0
177.2	53.6	140.0	116.8	98.1	51.8	145.5	129.0	110.2	51.4	145.5	120.2	100.3	48.1	151.0	133.4	113.5	177.2
190.3	45.2	131.9	111.4	94.1	43.3	138.2	123.1	106.1	43.0	137.4	114.3	96.3	39.7	142.9	126.8	109.0	190.3
203.4	37.6	124.6	106.3	90.5	35.7	130.8	117.6	102.1	35.4	130.1	109.2	92.7	32.1	135.6	120.9	104.8	203.4
216.5	30.9	117.9	101.6	87.1	29.1	123.5	112.4	98.3	28.7	123.5	104.9	89.3	25.4	129.0	115.7	101.0	216.5
229.7	25.4	112.8	97.7	84.3	23.5	118.3	108.3	95.2	23.1	117.6	100.8	86.3	19.8	123.1	111.6	97.6	229.7
242.8	20.4	108.1	94.1	81.7	18.5	113.5	104.4	92.3	18.0	112.4	97.0	83.6	14.7	117.6	107.7	94.5	242.8
255.9	15.9	103.8	90.8	79.4	14.1	108.9	100.8	89.5	13.4	107.8	93.5	81.1	10.1	112.4	103.8	91.7	255.9
262.5	14.0	101.9	89.4	78.4	12.2	106.0	99.0	88.4	11.6	104.5	92.0	80.1	8.2	110.2	102.1	90.4	262.5
269.0	12.2	99.9	88.0	77.5	10.3	103.1	97.2	87.3	9.8	101.2	90.5	79.1	-	107.0	99.9	89.3	269.0
275.6	10.4	97.9	86.6	76.5	8.4	99.6	94.8	86.2	7.9	97.4	88.4	78.0	-	103.8	97.4	88.2	275.6
282.2	8.7	94.4	85.5	75.8	-	95.6	91.5	84.7	-	93.6	85.5	77.2	-	99.6	93.8	85.5	282.2
285.4	7.9	92.6	84.9	75.5	-	93.6	89.8	83.7	-	91.7	84.1	76.8	-	97.4	91.9	84.2	285.4
295.3	-	87.3	82.9	74.3	-	87.5	84.9	80.7	-	86.0	79.8	75.6	-	91.1	86.4	80.2	295.3
305.1	-	82.0	79.1	73.6	-	81.6	79.9	77.2	-	80.2	75.5	73.2	-	84.5	81.0	76.2	305.1
308.4	-	80.2	77.9	-	-	79.6	78.3	-	-	78.3	74.1	72.4	-	82.4	79.2	74.8	308.4
318.2	-	75.0	74.3	-	-	73.4	73.2	-	-	72.6	69.7	69.8	-	75.9	73.9	70.8	318.2
321.5	-	-	-	-	-	-	-	-	-	70.7	68.3	68.8	-	73.7	72.1	69.4	321.5
334.6	-	-	-	-	-	-	-	-	-	63.1	62.4	-	-	65.0	64.8	-	334.6

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	354.3 ft								374.0 ft								
	LSL+LF_2				LSL+LF_3				LSL+LF_2				LSL+LF_3				
	39.4 ft																
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°		15°	20°	10°		15°	20°	10°		15°	20°	10°		15°	20°	
ft	1,000 lb																ft
52.5	208.3	208.3	-	-	273.4	273.4	-	-	188.5	188.5	-	-	253.5	253.5	-	-	52.5
55.8	207.2	207.2	191.8	-	264.6	273.4	260.1	-	187.9	187.9	175.3	-	250.2	253.5	244.7	-	55.8
59.1	206.1	206.1	191.8	172.0	255.7	273.4	255.7	195.1	187.4	187.4	175.3	162.0	246.9	253.5	244.7	197.3	59.1
65.6	201.7	201.7	187.4	165.3	229.3	271.2	242.5	187.4	185.2	185.2	174.2	162.0	220.5	253.5	242.5	189.6	65.6
72.2	197.3	197.3	183.0	159.8	206.1	269.0	231.5	180.8	181.9	181.9	170.9	159.8	198.4	253.5	235.9	183.0	72.2
78.7	191.8	191.8	178.6	154.3	186.3	266.8	222.7	174.2	178.6	178.6	168.7	155.4	178.6	253.5	227.1	176.4	78.7
85.3	174.2	186.3	173.1	148.8	168.7	264.6	213.8	168.7	169.8	175.3	165.3	151.0	162.0	253.5	217.2	170.9	85.3
91.9	159.8	180.8	168.7	144.4	154.3	255.7	205.0	163.1	154.3	172.0	162.0	145.5	147.7	253.5	209.4	165.3	91.9
98.4	145.5	176.4	164.2	140.0	141.1	242.5	197.3	157.6	142.2	168.7	159.8	141.1	134.5	249.1	201.7	160.9	98.4
111.5	124.9	166.1	155.4	131.9	119.8	223.4	184.1	148.8	120.9	162.0	153.2	133.7	113.8	230.0	188.5	151.4	111.5
124.7	105.4	157.3	147.7	124.6	100.1	206.1	172.3	140.7	101.9	155.4	147.0	126.8	95.0	212.7	176.4	142.9	124.7
137.8	86.9	149.9	141.1	117.9	82.0	190.7	162.0	133.4	85.1	148.8	141.1	120.2	78.3	197.3	165.3	135.6	137.8
150.9	72.5	142.6	135.2	112.5	67.6	178.2	152.5	126.8	70.7	142.9	136.0	114.3	63.9	184.1	156.5	129.7	150.9
164.0	59.9	135.6	129.3	107.4	54.9	166.8	144.0	120.9	58.1	137.4	131.2	109.1	51.1	172.3	148.4	123.8	164.0
177.2	49.2	129.0	123.5	102.5	43.9	156.5	136.7	115.7	47.2	132.3	126.8	104.7	40.1	162.0	141.1	117.9	177.2
190.3	40.6	122.4	117.6	98.5	35.5	148.4	130.8	111.3	38.7	126.4	120.9	100.6	31.6	153.2	134.5	113.5	190.3
203.4	33.0	116.0	111.9	94.8	27.9	140.7	124.9	107.1	31.0	120.5	115.4	96.8	24.0	145.1	128.2	109.4	203.4
216.5	26.2	109.8	106.5	91.3	20.9	133.4	119.0	103.2	24.3	114.6	110.2	93.3	17.2	137.8	122.4	105.6	216.5
229.7	20.6	103.9	101.2	88.3	15.5	127.5	114.6	99.8	18.7	109.5	106.3	90.2	11.6	128.1	117.9	102.1	229.7
236.2	17.9	101.0	98.5	86.9	12.8	124.6	112.4	98.1	15.9	106.9	104.3	88.6	8.8	122.4	115.7	100.3	236.2
242.8	15.6	98.3	96.3	85.5	10.4	121.8	110.6	96.6	13.6	104.1	101.6	87.3	-	118.7	113.8	98.8	242.8
249.3	13.3	95.7	94.0	84.2	7.9	119.0	108.7	95.1	11.3	101.3	99.0	86.0	-	115.0	111.8	97.2	249.3
255.9	11.0	93.0	91.7	82.9	-	114.6	106.7	93.7	9.0	98.5	96.3	84.7	-	111.3	109.8	95.7	255.9
259.2	10.1	91.8	90.5	82.4	-	112.7	105.3	92.9	7.9	97.2	95.0	84.1	-	109.5	108.3	95.1	259.2
265.7	8.2	89.3	88.2	81.4	-	108.8	102.6	91.2	-	94.5	92.4	83.0	-	105.8	105.3	93.8	265.7
269.0	-	88.0	87.0	80.8	-	106.9	101.3	90.3	-	93.1	91.1	82.5	-	104.0	103.8	93.2	269.0
282.2	-	82.7	82.4	78.6	-	98.8	94.8	85.7	-	87.6	85.8	80.3	-	96.5	96.9	88.8	282.2
295.3	-	77.6	77.8	76.5	-	90.6	87.3	79.8	-	82.0	80.5	78.3	-	88.8	89.3	82.5	295.3
308.4	-	72.3	73.3	72.2	-	82.5	79.9	74.0	-	76.5	75.2	73.7	-	81.2	81.6	76.0	308.4
321.5	-	67.2	68.8	68.0	-	74.1	72.3	68.1	-	71.0	69.9	68.9	-	73.6	74.1	69.5	321.5
334.6	-	61.9	64.2	63.7	-	65.9	64.8	62.2	-	65.5	64.6	63.9	-	65.9	66.6	63.1	334.6
337.9	-	60.7	63.1	62.6	-	63.8	63.0	60.6	-	64.1	63.3	62.7	-	64.0	64.7	61.5	337.9
347.8	-	56.8	59.6	-	-	57.6	57.4	-	-	59.9	59.3	58.9	-	58.3	58.9	56.7	347.8
351.1	-	55.6	58.4	-	-	55.6	55.6	-	-	58.5	58.0	57.7	-	56.4	57.0	55.0	351.1
354.3	-	-	-	-	-	-	-	-	-	57.1	56.7	56.4	-	54.5	55.1	53.4	354.3
360.9	-	-	-	-	-	-	-	-	-	54.3	54.0	-	-	50.8	51.3	-	360.9
367.5	-	-	-	-	-	-	-	-	-	51.6	51.4	-	-	47.0	47.5	-	367.5
370.7	-	-	-	-	-	-	-	-	-	-	50.0	-	-	-	45.6	-	370.7

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	393.7 ft								413.4 ft								
	LSL+LF_2				LSL+LF_3				LSL+LF_2				LSL+LF_3				
	39.4 ft																
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°	15°	20°		10°	15°	20°		10°	15°	20°		10°	15°	20°		
ft	1,000 lb																ft
55.8	166.4	166.4	-	-	235.9	235.9	-	-	145.5	145.5	-	-	215.0	215.0	-	-	55.8
59.1	166.4	166.4	154.3	-	235.9	235.9	231.5	-	145.5	145.5	136.7	-	215.0	215.0	212.7	-	59.1
62.3	165.3	165.3	153.8	143.3	224.3	235.9	230.4	195.1	145.0	145.0	136.7	127.9	209.4	215.0	212.7	196.2	62.3
65.6	164.2	164.2	153.2	143.3	212.7	235.9	229.3	190.7	144.4	144.4	136.7	127.9	203.9	215.0	212.7	192.9	65.6
72.2	162.0	162.0	151.0	141.1	190.7	235.9	227.1	185.2	142.2	142.2	134.5	126.8	183.0	215.0	211.6	186.3	72.2
78.7	159.8	159.8	148.8	140.0	172.0	235.9	222.7	178.6	140.0	140.0	132.3	124.6	165.3	215.0	211.6	180.8	78.7
85.3	156.5	156.5	146.6	137.8	155.4	235.9	220.5	173.1	137.8	137.8	130.1	122.4	148.8	215.0	210.5	175.3	85.3
91.9	151.0	154.3	144.4	135.6	141.1	235.9	212.7	167.6	135.6	135.6	127.9	121.3	134.5	215.0	209.4	169.8	91.9
98.4	138.9	151.0	142.2	133.4	129.0	235.9	205.0	163.1	133.4	133.4	125.7	119.0	122.4	215.0	209.4	164.2	98.4
111.5	118.6	145.1	136.3	128.2	108.4	227.1	191.8	153.6	114.4	128.2	121.3	114.6	102.5	211.3	196.2	155.4	111.5
124.7	100.4	139.3	130.8	123.5	90.4	216.1	180.0	145.1	97.4	123.1	116.8	110.7	85.0	206.9	184.1	147.3	124.7
137.8	84.2	133.4	125.7	119.0	75.0	202.8	169.8	137.8	82.2	117.9	112.4	107.1	69.9	201.7	173.1	140.0	137.8
150.9	69.8	129.0	122.0	115.4	60.4	189.6	160.2	131.9	67.8	113.5	108.9	103.6	56.2	191.4	163.5	134.1	150.9
164.0	57.2	124.6	117.9	111.3	47.7	177.8	151.8	126.0	55.1	109.6	105.4	100.3	43.9	179.7	155.1	128.2	164.0
177.2	46.3	120.2	113.5	106.7	36.8	167.6	144.4	120.2	44.1	106.0	101.9	97.2	32.8	166.4	147.7	122.4	177.2
190.3	37.8	115.7	109.9	102.6	28.1	157.3	137.8	115.7	35.6	102.1	98.3	94.0	24.2	154.7	141.1	117.9	190.3
203.4	30.1	111.3	106.0	98.7	20.4	146.6	131.5	111.6	27.9	98.1	94.8	90.8	16.5	143.3	134.5	113.8	203.4
216.5	23.1	106.7	102.1	95.0	13.7	135.6	125.7	107.8	21.2	94.1	91.3	87.7	9.7	132.3	127.9	109.8	216.5
219.8	21.8	105.6	101.0	94.2	12.2	133.0	124.2	106.9	19.8	93.1	90.4	87.0	8.2	129.5	125.7	108.9	219.8
229.7	17.7	102.1	98.0	91.9	7.7	124.9	119.4	104.1	15.6	90.2	87.7	84.7	-	121.3	119.0	106.3	229.7
242.8	12.6	97.5	93.9	89.1	-	114.5	112.9	100.8	10.4	86.3	84.2	81.5	-	111.1	110.5	102.9	242.8
249.3	10.3	95.2	91.8	87.7	-	109.9	110.0	99.2	7.9	84.4	82.5	79.9	-	106.5	106.4	101.3	249.3
255.9	7.9	92.8	89.5	86.4	-	105.4	107.1	97.7	-	82.5	80.7	78.3	-	101.9	102.3	99.6	255.9
269.0	-	87.8	85.1	82.7	-	96.3	100.2	95.0	-	78.3	76.9	74.7	-	92.9	94.4	95.1	269.0
282.2	-	82.9	80.6	78.6	-	87.5	93.3	91.8	-	74.3	73.0	71.1	-	84.2	86.6	89.1	282.2
295.3	-	78.0	76.1	74.3	-	79.1	86.2	85.8	-	70.3	69.2	67.5	-	75.8	79.1	82.7	295.3
308.4	-	73.2	71.5	70.0	-	71.5	79.1	78.9	-	66.4	65.3	63.8	-	68.3	72.1	76.2	308.4
321.5	-	68.4	67.0	65.8	-	64.3	72.2	71.9	-	62.3	61.4	60.1	-	61.1	65.2	69.8	321.5
334.6	-	63.5	62.4	61.5	-	57.5	65.3	65.0	-	58.2	57.5	56.4	-	54.2	58.4	63.3	334.6
347.8	-	58.6	57.8	57.2	-	51.4	58.2	58.2	-	54.2	53.6	52.8	-	48.2	52.2	56.8	347.8
360.9	-	53.8	53.3	52.9	-	45.6	51.2	51.3	-	50.4	49.7	49.0	-	42.5	46.2	50.3	360.9
367.5	-	51.5	51.0	50.7	-	42.9	47.8	47.8	-	48.3	47.8	47.1	-	39.8	43.3	47.1	367.5
374.0	-	48.9	48.7	-	-	40.1	44.3	-	-	46.3	45.9	45.2	-	37.0	40.3	43.9	374.0
383.9	-	45.4	45.4	-	-	36.7	39.0	-	-	43.3	42.9	42.5	-	33.6	36.2	39.0	383.9
387.1	-	-	44.3	-	-	35.5	37.3	-	-	42.3	41.9	-	-	32.5	34.8	-	387.1
400.3	-	-	-	-	-	-	-	-	-	38.3	38.0	-	-	28.1	29.5	-	400.3
403.5	-	-	-	-	-	-	-	-	-	37.3	37.0	-	-	27.1	28.2	-	403.5

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	433.1 ft								452.8 ft									
	LSL+LF_2				LSL+LF_3				LSL+LF_2				LSL+LF_3				LSL+LF_4		
	39.4 ft																49.2 ft		
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb - 661,500 lb		
	10°		15°	20°	10°		15°	20°	10°		15°	20°	10°		15°	20°	10°	15°	
ft	1,000 lb																		ft
59.1	135.6	135.6	-	-	199.5	199.5	-	-	116.8	116.8	-	-	175.3	175.3	-	-	-	-	59.1
62.3	135.0	135.0	127.9	-	197.9	199.5	197.3	-	116.8	116.8	113.5	-	175.3	175.3	174.2	-	-	-	62.3
65.6	134.5	134.5	127.9	120.2	196.2	199.5	197.3	190.7	116.8	116.8	113.5	108.5	175.3	175.3	174.2	172.0	-	163.1	-	65.6
68.9	133.9	133.9	127.3	120.2	185.7	199.0	197.3	189.0	116.3	116.3	113.5	108.5	171.4	174.7	174.2	172.0	159.8	163.1	-	68.9
72.2	133.4	133.4	126.8	120.2	175.3	198.4	197.3	187.4	115.7	115.7	113.5	108.5	167.6	174.2	174.2	172.0	159.8	163.1	160.9	72.2
78.7	132.3	132.3	125.7	119.0	157.6	198.4	196.2	181.9	114.6	114.6	112.4	107.6	151.0	173.1	173.1	170.9	149.9	162.0	159.8	78.7
85.3	130.1	130.1	123.5	116.8	142.2	197.3	196.2	176.4	113.5	113.5	111.3	106.7	135.6	172.0	172.0	169.8	134.5	162.0	159.8	85.3
91.9	129.0	129.0	122.4	115.7	129.0	197.3	196.2	172.0	112.4	112.4	110.2	105.8	122.4	170.9	170.9	169.8	121.3	160.9	158.7	91.9
98.4	126.8	126.8	120.2	114.6	115.7	196.2	195.1	166.4	110.2	110.2	109.6	104.9	110.2	169.8	169.8	168.7	109.8	160.9	157.6	98.4
111.5	109.4	123.1	117.2	111.7	96.6	193.3	192.9	157.6	101.4	108.3	107.4	102.9	91.0	167.6	167.6	159.8	90.5	158.7	153.2	111.5
124.7	93.4	119.4	113.9	108.7	79.7	189.6	186.7	149.5	89.8	106.0	105.1	100.8	74.1	165.3	165.3	151.8	73.7	156.2	148.1	124.7
137.8	78.7	115.7	110.2	105.6	64.8	185.2	176.4	142.2	75.4	103.4	102.7	98.8	59.5	163.1	163.1	144.4	59.3	153.2	142.2	137.8
150.9	64.9	112.8	107.4	102.7	52.0	177.8	166.8	136.3	62.5	99.9	100.1	96.6	47.6	159.5	160.2	138.5	48.0	150.3	136.3	150.9
164.0	52.5	109.7	104.6	99.9	40.1	168.7	158.4	130.4	50.5	95.4	96.5	94.0	36.2	152.9	154.0	132.6	37.5	147.0	130.4	164.0
177.2	41.4	106.5	101.6	97.2	29.1	157.6	151.0	124.6	39.5	89.9	91.9	91.1	25.1	143.3	144.4	126.8	27.8	143.3	124.6	177.2
190.3	32.9	103.2	98.7	94.6	20.4	146.6	144.4	120.2	30.9	84.5	87.5	88.1	16.5	133.7	134.8	122.4	19.1	139.6	118.7	190.3
203.4	25.3	99.9	95.8	91.9	12.6	136.0	136.2	115.7	23.2	79.0	83.0	85.1	8.4	124.6	125.7	117.9	11.1	134.8	113.5	203.4
206.7	23.6	99.1	95.0	91.3	10.8	133.4	133.8	114.6	21.5	77.6	81.9	84.3	-	122.4	123.5	116.8	9.3	133.4	112.4	206.7
210.0	21.9	98.3	94.3	90.6	9.0	130.8	131.4	113.5	19.8	76.2	80.8	83.6	-	120.2	121.3	115.7	-	131.5	111.3	210.0
216.5	18.5	96.6	92.8	89.3	-	125.7	125.7	111.3	16.3	73.4	78.5	82.0	-	115.7	116.8	113.5	-	127.9	109.1	216.5
229.7	12.9	93.3	89.9	86.6	-	115.4	116.1	107.7	10.7	68.0	74.1	79.1	-	107.7	108.6	106.2	-	119.8	104.9	229.7
236.2	10.1	91.7	88.4	85.3	-	110.2	111.3	105.8	7.9	65.3	71.9	77.6	-	103.6	104.5	102.5	-	115.7	102.7	236.2
239.5	8.8	91.1	87.6	84.7	-	108.1	109.2	104.2	-	63.9	70.7	76.9	-	101.6	102.5	100.8	-	113.5	101.7	239.5
242.8	-	90.2	86.9	84.0	-	106.0	107.0	102.6	-	62.5	69.6	76.2	-	99.6	100.5	99.0	-	111.3	100.7	242.8
255.9	-	86.9	84.0	81.4	-	97.4	98.3	96.1	-	57.1	65.0	73.2	-	91.5	92.4	91.7	-	102.3	96.6	255.9
269.0	-	83.6	81.1	78.6	-	89.0	89.9	89.9	-	51.7	60.6	70.3	-	83.8	84.7	84.8	-	94.2	92.4	269.0
275.6	-	82.0	79.6	77.2	-	84.9	85.8	86.9	-	48.9	58.4	68.8	-	80.0	80.9	81.4	-	90.2	90.4	275.6
282.2	-	80.4	78.1	75.8	-	80.9	81.8	83.8	-	-	56.2	67.3	-	76.4	77.3	78.0	-	86.6	86.9	282.2
295.3	-	77.2	75.2	73.2	-	73.0	73.9	77.8	-	-	51.6	64.2	-	69.2	70.1	71.2	-	79.4	80.0	295.3
308.4	-	73.9	72.3	70.5	-	65.6	66.7	71.9	-	-	47.2	61.3	-	62.4	63.3	64.9	-	73.7	74.3	308.4
321.5	-	70.6	69.3	67.9	-	58.6	59.7	66.0	-	-	42.7	58.3	-	55.9	56.7	58.7	-	67.0	67.8	321.5
334.6	-	67.2	66.4	65.3	-	52.0	52.9	60.0	-	-	38.1	55.3	-	49.6	50.3	52.7	-	60.4	61.3	334.6
347.8	-	64.0	63.4	62.6	-	46.0	46.9	54.1	-	-	33.7	52.2	-	43.7	44.4	46.9	-	54.7	55.4	347.8
360.9	-	60.8	60.6	60.0	-	40.3	41.1	48.2	-	-	29.2	49.2	-	38.1	38.7	41.2	-	49.3	49.8	360.9
374.0	-	57.5	57.8	57.3	-	34.8	35.5	42.1	-	-	24.7	46.3	-	32.6	33.3	35.7	-	44.3	45.0	374.0
387.1	-	54.3	54.8	54.7	-	29.8	30.5	36.2	-	-	20.1	43.2	-	27.8	28.3	30.6	-	39.5	40.1	387.1
400.3	-	50.8	51.2	51.4	-	25.2	25.8	30.2	-	-	15.7	40.2	-	23.1	23.5	25.5	-	34.7	35.2	400.3
413.4	-	47.0	47.4	-	-	20.9	21.4	-	-	-	11.2	37.3	-	18.5	19.0	20.5	-	30.0	30.4	413.4
416.7	-	45.6	46.1	-	-	20.1	20.4	-	-	-	10.1	36.6	-	17.5	17.9	19.4	-	28.9	29.3	416.7
419.9	-	44.3	44.8	-	-	19.2	19.4	-	-	-	8.9	-	-	16.5	16.9	-	-	27.8	28.2	419.9
423.2	-	-	-	-	-	-	-	-	-	-	7.7	-	-	15.4	15.9	-	-	26.7	27.1	423.2
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	14.8	-	-	25.6	26.0	426.5
436.4	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	11.7	-	-	22.3	22.8	436.4
439.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.3	21.7	439.6
446.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	19.6	446.2

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	295.3 ft				315.0 ft				334.6 ft				354.3 ft				374.0 ft			
	LSL+LF_2																			
	78.7 ft																			
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb		
	10°	20°	30°		10°	20°	30°		10°	20°	30°		10°	20°	30°		10°	20°	30°	
ft	1,000 lb																			
55.8	143.3	143.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	143.3	143.3	-	-	135.6	135.6	-	-	127.9	127.9	-	-	-	-	-	-	-	-	-	-
62.3	143.3	143.3	-	-	135.6	135.6	-	-	127.9	127.9	-	-	123.5	123.5	-	-	115.7	115.7	-	-
65.6	143.3	143.3	-	-	135.6	135.6	-	-	127.9	127.9	-	-	123.5	123.5	-	-	115.7	115.7	-	-
68.9	142.7	142.7	83.1	-	135.0	135.0	-	-	127.9	127.9	-	-	123.5	123.5	-	-	115.7	115.7	-	-
72.2	142.2	142.2	81.4	-	134.5	134.5	82.0	-	127.9	127.9	82.7	-	123.5	123.5	-	-	115.7	115.7	-	-
75.5	139.4	139.4	79.7	-	133.9	133.9	80.5	-	127.9	127.9	81.1	-	123.5	123.5	81.6	-	115.7	115.7	82.2	-
78.7	136.7	136.7	78.0	-	133.4	133.4	78.9	-	127.9	127.9	79.6	-	123.5	123.5	80.2	-	115.7	115.7	80.7	-
82.0	132.8	132.8	76.5	46.3	130.6	130.6	77.4	46.5	126.8	126.8	78.2	-	123.5	123.5	78.8	-	115.7	115.7	79.4	-
85.3	129.0	129.0	75.0	45.6	127.9	127.9	75.8	45.9	125.7	125.7	76.7	45.9	123.5	123.5	77.4	-	115.7	115.7	78.0	-
88.6	125.7	125.7	73.5	45.0	125.1	125.1	74.4	45.2	123.5	123.5	75.3	45.2	122.4	122.4	76.1	45.2	115.2	115.2	76.7	45.2
91.9	122.4	122.4	72.1	44.3	122.4	122.4	73.0	44.5	121.3	121.3	73.9	44.5	121.3	121.3	74.7	44.8	114.6	114.6	75.4	44.8
98.4	115.7	115.7	69.4	43.2	117.9	117.9	70.5	43.2	117.9	117.9	71.4	43.4	120.2	120.2	72.1	43.4	114.6	114.6	73.0	43.7
111.5	105.5	105.5	64.9	41.0	108.2	108.2	66.0	41.2	110.2	110.2	67.0	41.4	113.1	113.1	67.8	41.5	111.4	111.4	68.6	41.6
124.7	96.3	96.3	60.8	38.9	99.4	99.4	61.9	39.2	102.2	102.2	63.0	39.5	104.5	105.4	63.9	39.7	103.5	106.4	64.6	39.8
137.8	88.2	88.2	57.1	37.0	91.3	91.3	58.2	37.5	94.1	94.1	59.3	37.7	94.4	97.0	60.2	37.9	91.1	99.6	61.1	38.1
150.9	81.9	81.9	54.0	35.6	82.5	84.8	55.1	35.9	82.1	87.5	56.1	36.2	80.8	90.2	57.1	36.4	78.6	92.7	58.0	36.7
164.0	73.5	76.1	51.1	34.2	72.5	78.9	52.2	34.4	70.5	81.5	53.2	34.8	68.5	84.1	54.2	35.1	66.7	86.5	55.1	35.3
177.2	63.1	71.0	48.5	32.8	61.5	73.6	49.6	33.1	59.5	76.1	50.7	33.5	57.3	78.5	51.6	33.7	55.6	80.9	52.5	34.0
190.3	54.4	66.7	46.3	31.7	52.8	69.2	47.4	32.0	50.9	71.7	48.4	32.3	48.6	73.9	49.4	32.6	46.9	76.4	50.3	32.9
203.4	46.6	62.8	44.2	30.6	45.0	65.2	45.3	31.0	43.0	67.5	46.2	31.3	40.8	69.7	47.3	31.5	39.0	72.1	48.1	31.9
216.5	39.7	59.3	42.3	29.8	38.1	61.5	43.4	30.0	35.9	63.7	44.3	30.4	33.7	65.9	45.2	30.6	32.0	68.1	46.1	30.9
229.7	34.1	56.4	40.7	29.0	32.4	58.4	41.8	29.2	30.2	60.6	42.7	29.5	28.0	62.7	43.6	29.8	26.2	64.7	44.5	30.0
242.8	28.9	53.6	39.2	28.3	27.2	55.6	40.3	28.5	25.0	57.7	41.2	28.7	22.8	59.7	42.0	29.0	20.9	61.6	42.8	29.2
255.9	24.0	51.1	37.9	27.6	22.5	52.9	38.8	27.8	20.3	54.9	39.7	28.0	18.1	56.9	40.6	28.2	16.1	58.6	41.2	28.4
269.0	20.1	48.9	36.9	27.1	18.5	50.7	37.6	27.3	16.3	52.5	38.5	27.6	14.0	54.4	39.2	27.6	12.1	56.1	40.1	27.9
282.2	16.4	47.0	35.9	26.7	14.8	48.6	36.6	26.9	12.6	50.4	37.4	27.1	10.1	52.1	38.1	27.1	8.4	53.9	38.9	27.3
288.7	14.7	46.1	35.5	26.5	13.0	47.7	36.2	26.7	10.8	49.5	36.9	26.9	8.4	51.1	37.6	26.9	-	52.9	38.3	27.1
292.0	13.9	45.6	35.3	26.5	12.1	47.2	35.9	26.6	9.9	49.0	36.6	26.8	-	50.6	37.3	26.8	-	52.3	38.0	27.0
295.3	13.0	45.2	35.1	-	11.2	46.7	35.7	26.5	9.0	48.5	36.4	26.7	-	50.0	37.0	26.7	-	51.8	37.7	26.9
298.6	12.3	44.8	34.9	-	10.5	46.4	35.5	26.4	8.4	48.1	36.2	26.6	-	49.6	36.8	26.7	-	51.3	37.4	26.8
308.4	10.2	43.7	34.3	-	8.4	45.2	34.8	26.2	-	46.7	35.5	26.4	-	48.3	36.2	26.4	-	49.9	36.7	26.5
318.2	8.2	42.7	33.8	-	-	44.0	34.2	-	-	45.5	34.9	26.1	-	47.0	35.5	26.2	-	48.5	36.0	26.2
321.5	-	42.4	33.7	-	-	43.7	34.1	-	-	45.1	34.7	26.0	-	46.6	35.3	26.1	-	48.1	35.8	26.1
324.8	-	42.1	33.5	-	-	43.3	34.0	-	-	44.8	34.5	-	-	46.2	35.1	26.0	-	47.7	35.6	26.0
334.6	-	41.2	-	-	-	42.3	33.5	-	-	43.7	34.0	-	-	45.0	34.4	25.8	-	46.5	35.1	25.8
337.9	-	40.8	-	-	-	42.1	33.4	-	-	43.4	33.8	-	-	44.6	34.2	-	-	46.2	34.9	25.7
341.2	-	-	-	-	-	41.8	33.3	-	-	43.1	33.7	-	-	44.3	34.1	-	-	45.8	34.7	25.7
347.8	-	-	-	-	-	41.3	-	-	-	42.5	33.5	-	-	43.7	33.8	-	-	45.1	34.3	25.6
354.3	-	-	-	-	-	40.8	-	-	-	41.9	33.3	-	-	43.0	33.5	-	-	44.3	34.0	-
357.6	-	-	-	-	-	-	-	-	-	41.7	33.1	-	-	42.8	33.4	-	-	44.0	33.8	-
360.9	-	-	-	-	-	-	-	-	-	41.4	-	-	-	42.5	33.4	-	-	43.7	33.7	-
370.7	-	-	-	-	-	-	-	-	-	40.6	-	-	-	41.7	33.1	-	-	42.8	33.4	-
374.0	-	-	-	-	-	-	-	-	-	-	-	-	-	41.4	33.1	-	-	42.5	33.3	-
387.1	-	-	-	-	-	-	-	-	-	-	-	-	-	40.6	-	-	-	41.5	32.9	-
390.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.3	32.8	-
400.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.6	-	-
406.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.1	-	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	393.7 ft				413.4 ft				433.1 ft				452.8 ft				
	LSL+LF_2																
	78.7 ft																
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°	20°	30°		10°	20°	30°		10°	20°	30°		10°	20°	30°		
ft	1,000 lb																ft
65.6	108.2	108.2	-	-	98.3	98.3	-	-	-	-	-	-	-	-	-	-	65.6
68.9	108.0	108.0	-	-	98.3	98.3	-	-	91.7	91.7	-	-	82.7	82.7	-	-	68.9
72.2	107.8	107.8	-	-	98.3	98.3	-	-	91.7	91.7	-	-	82.7	82.7	-	-	72.2
78.7	106.9	106.9	81.4	-	97.0	97.0	80.0	-	91.5	91.5	-	-	82.5	82.5	-	-	78.7
82.0	106.5	106.5	79.9	-	96.3	96.3	79.6	-	91.2	91.2	76.7	-	82.3	82.3	71.0	-	82.0
85.3	106.0	106.0	78.5	-	95.7	95.7	79.1	-	90.8	90.8	76.7	-	82.2	82.2	71.0	-	85.3
91.9	104.9	104.9	76.1	44.8	94.6	94.6	76.5	44.8	90.2	90.2	76.3	-	82.0	82.0	70.8	-	91.9
95.1	103.9	103.9	74.8	44.2	93.7	93.7	75.4	44.2	89.7	89.7	75.5	44.1	81.9	81.9	70.4	44.1	95.1
98.4	103.0	103.0	73.6	43.7	92.8	92.8	74.3	43.7	89.3	89.3	74.7	43.7	81.8	81.8	70.1	43.7	98.4
111.5	98.8	98.8	69.4	41.7	89.3	89.3	70.0	41.7	86.6	86.6	70.6	41.9	79.9	79.9	68.8	41.9	111.5
124.7	94.2	94.8	65.5	40.0	85.8	85.8	66.1	40.0	83.9	83.9	66.8	40.2	78.0	78.0	66.7	40.2	124.7
137.8	89.1	90.8	61.9	38.4	82.2	82.2	62.6	38.4	81.1	81.1	63.3	38.6	76.1	76.1	63.9	38.6	137.8
150.9	77.3	87.2	58.9	36.9	73.3	78.7	59.5	37.0	70.4	78.3	60.3	37.1	66.8	74.0	61.0	37.3	150.9
164.0	65.8	83.8	56.0	35.5	63.5	75.7	56.7	35.7	60.2	75.8	57.5	35.8	57.7	72.1	58.2	35.9	164.0
177.2	54.7	80.9	53.4	34.2	52.9	73.2	54.2	34.4	50.5	73.4	54.9	34.6	48.7	70.3	55.6	34.6	177.2
190.3	46.0	77.8	51.0	33.1	44.1	70.7	51.9	33.4	41.8	71.2	52.5	33.4	39.9	68.6	53.4	33.6	190.3
203.4	38.1	74.2	48.9	32.1	36.2	68.2	49.7	32.3	33.9	69.0	50.4	32.4	32.0	66.8	51.2	32.6	203.4
216.5	31.1	70.1	47.0	31.1	29.3	65.7	47.6	31.3	26.7	66.8	48.5	31.5	24.9	65.0	49.2	31.7	216.5
229.7	25.4	66.7	45.2	30.2	23.4	63.2	46.0	30.4	20.9	64.6	46.7	30.6	19.0	63.4	47.4	30.9	229.7
242.8	20.1	63.6	43.6	29.4	18.1	60.7	44.4	29.6	15.7	62.4	45.0	29.8	13.7	61.7	45.7	30.1	242.8
255.9	15.2	60.6	42.1	28.7	13.2	58.2	42.8	28.9	10.8	60.2	43.4	29.1	8.8	60.0	44.1	29.3	255.9
259.2	14.2	60.0	41.8	28.5	12.2	57.6	42.4	28.7	9.7	59.6	43.1	28.9	7.7	59.6	43.8	29.2	259.2
262.5	13.2	59.3	41.4	28.4	11.2	57.0	42.1	28.6	8.6	59.1	42.8	28.7	-	59.2	43.5	29.0	262.5
269.0	11.2	58.0	40.8	28.1	9.2	55.8	41.4	28.3	-	58.0	42.1	28.4	-	58.3	42.8	28.7	269.0
272.3	10.3	57.3	40.5	27.9	8.2	55.1	41.1	28.1	-	57.4	41.8	28.2	-	57.9	42.5	28.4	272.3
278.9	8.2	56.1	39.8	27.7	-	53.9	40.6	27.9	-	56.3	41.2	28.0	-	57.1	41.8	28.1	278.9
282.2	-	55.6	39.5	27.6	-	53.4	40.3	27.7	-	55.8	40.9	27.9	-	56.7	41.5	27.9	282.2
295.3	-	53.4	38.4	26.9	-	51.1	39.0	27.1	-	53.6	39.7	27.3	-	54.9	40.3	27.3	295.3
308.4	-	51.3	37.3	26.6	-	49.2	38.0	26.7	-	51.4	38.7	26.7	-	53.1	39.2	26.9	308.4
321.5	-	49.5	36.4	26.2	-	47.3	37.0	26.3	-	49.2	37.6	26.3	-	51.4	38.1	26.5	321.5
334.6	-	47.8	35.5	25.8	-	45.4	36.2	26.0	-	47.0	36.6	26.0	-	49.6	37.3	26.0	334.6
347.8	-	46.4	34.8	25.6	-	43.4	35.4	25.7	-	44.8	35.9	25.7	-	47.8	36.4	25.8	347.8
360.9	-	45.0	34.2	25.4	-	41.4	34.7	25.4	-	42.5	35.1	25.4	-	46.1	35.6	25.4	360.9
364.2	-	44.6	34.0	25.4	-	40.9	34.5	25.4	-	42.0	34.9	25.4	-	45.6	35.4	25.4	364.2
374.0	-	43.7	33.5	-	-	39.5	34.0	25.1	-	40.3	34.4	25.1	-	44.3	34.8	25.1	374.0
377.3	-	43.2	33.4	-	-	39.0	33.8	25.1	-	39.8	34.2	25.1	-	43.9	34.7	25.1	377.3
387.1	-	42.0	33.1	-	-	37.6	33.5	-	-	38.1	33.8	25.0	-	42.5	34.2	25.0	387.1
390.4	-	41.6	33.0	-	-	37.1	33.4	-	-	37.6	33.7	24.9	-	42.1	34.1	24.9	390.4
400.3	-	40.1	32.8	-	-	35.6	33.1	-	-	35.9	33.3	-	-	40.8	33.7	24.8	400.3
403.5	-	39.6	32.7	-	-	35.2	33.0	-	-	35.4	33.2	-	-	40.3	33.6	24.7	403.5
406.8	-	39.0	32.6	-	-	34.7	32.8	-	-	34.8	33.1	-	-	39.9	33.4	-	406.8
413.4	-	37.9	-	-	-	33.7	32.6	-	-	33.7	32.8	-	-	39.0	33.1	-	413.4
423.2	-	36.4	-	-	-	32.2	31.7	-	-	32.1	32.6	-	-	37.7	32.8	-	423.2
426.5	-	-	-	-	-	31.7	-	-	-	31.5	32.6	-	-	37.3	32.8	-	426.5
439.6	-	-	-	-	-	29.8	-	-	-	29.3	31.7	-	-	35.5	32.5	-	439.6
452.8	-	-	-	-	-	-	-	-	-	27.1	-	-	-	33.7	32.2	-	452.8
456.0	-	-	-	-	-	-	-	-	-	26.5	-	-	-	33.3	32.0	-	456.0
465.9	-	-	-	-	-	-	-	-	-	-	-	-	-	32.0	-	-	465.9
472.4	-	-	-	-	-	-	-	-	-	-	-	-	-	31.1	-	-	472.4

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	295.3 ft				315.0 ft				334.6 ft				354.3 ft				374.0 ft			
	LSL+LF_2																			
	118.1 ft																			
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb		
	10°	20°	30°		10°	20°	30°		10°	20°	30°		10°	20°	30°		10°	20°	30°	
ft	1,000 lb																			
65.6	88.0	88.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68.9	87.7	87.7	-	-	84.7	84.7	-	-	80.7	80.7	-	-	-	-	-	-	-	-	-	-
72.2	87.5	87.5	-	-	84.7	84.7	-	-	80.7	80.7	-	-	78.5	78.5	-	-	74.3	74.3	-	-
78.7	86.6	86.6	-	-	84.0	84.0	-	-	80.7	80.7	-	-	78.5	78.5	-	-	74.3	74.3	-	-
85.3	85.8	85.8	52.7	-	83.3	83.3	-	-	80.2	80.2	-	-	78.5	78.5	-	-	74.3	74.3	-	-
88.6	85.3	85.3	51.6	-	82.8	82.8	52.0	-	80.1	80.1	52.2	-	78.4	78.4	-	-	74.2	74.2	-	-
91.9	84.9	84.9	50.5	-	82.2	82.2	50.9	-	80.0	80.0	51.4	-	78.3	78.3	51.6	-	74.1	74.1	52.0	-
98.4	83.1	83.1	48.5	-	79.6	79.6	48.9	-	78.5	78.5	49.4	-	78.0	78.0	49.8	-	74.1	74.1	50.3	-
105.0	79.2	79.2	46.8	28.0	77.1	77.1	47.3	-	76.4	76.4	47.8	-	77.5	77.5	48.2	-	73.9	73.9	48.6	-
108.3	77.3	77.3	46.0	27.6	75.8	75.8	46.4	27.6	75.3	75.3	47.0	27.6	77.2	77.2	47.4	-	73.7	73.7	47.8	-
111.5	75.3	75.3	45.1	27.2	74.6	74.6	45.6	27.2	74.2	74.2	46.2	27.2	76.9	76.9	46.6	27.3	73.6	73.6	47.0	27.3
124.7	68.4	68.4	42.0	25.7	69.4	69.4	42.5	25.8	69.7	69.7	43.1	25.8	73.6	73.6	43.7	26.0	72.2	72.2	44.1	26.0
137.8	62.4	62.4	39.2	24.3	64.2	64.2	39.9	24.5	65.0	65.0	40.3	24.5	68.1	68.1	41.0	24.7	69.7	69.7	41.4	24.7
150.9	57.7	57.7	36.9	23.1	59.5	59.5	37.6	23.3	60.9	60.9	38.1	23.4	63.1	63.1	38.7	23.5	64.7	64.7	39.2	23.7
164.0	53.4	53.4	34.8	22.0	55.2	55.2	35.4	22.2	56.9	56.9	36.0	22.4	58.6	58.6	36.5	22.4	60.1	60.1	37.1	22.6
177.2	49.6	49.6	32.8	20.9	51.4	51.4	33.5	21.2	52.9	52.9	34.0	21.4	54.5	54.5	34.6	21.4	56.0	56.0	35.1	21.6
190.3	46.5	46.5	31.1	20.1	48.1	48.1	31.7	20.3	49.7	49.7	32.3	20.5	51.2	51.2	33.0	20.6	51.0	52.6	33.4	20.7
203.4	43.7	43.7	29.5	19.3	45.1	45.1	30.1	19.5	45.9	46.7	30.8	19.7	46.2	48.1	31.5	19.9	44.9	49.5	31.9	19.9
216.5	41.0	41.0	28.0	18.5	42.3	42.3	28.7	18.7	41.4	43.9	29.3	19.0	39.5	45.2	30.0	19.2	37.7	46.7	30.4	19.2
229.7	37.8	38.7	26.8	17.9	37.2	40.1	27.5	18.2	35.6	41.5	28.0	18.2	33.6	42.8	28.7	18.4	31.8	44.2	29.1	18.6
242.8	33.7	36.5	25.7	17.3	32.2	38.0	26.4	17.6	30.1	39.3	26.8	17.6	28.1	40.6	27.4	17.8	26.4	41.9	27.9	18.0
255.9	28.9	34.6	24.7	16.8	27.3	35.9	25.4	17.0	25.1	37.3	25.8	17.2	23.1	38.6	26.2	17.2	21.4	39.7	26.9	17.4
269.0	24.8	33.0	23.8	16.3	23.2	34.3	24.3	16.5	21.0	35.5	24.9	16.6	19.0	36.8	25.4	16.8	17.3	37.9	25.9	17.0
282.2	20.9	31.5	22.9	15.9	19.4	32.8	23.4	16.1	17.2	33.9	24.0	16.2	15.2	35.1	24.5	16.3	13.4	36.2	24.9	16.5
295.3	17.4	30.2	22.0	15.7	15.9	31.3	22.7	15.7	13.7	32.4	23.1	15.9	11.7	33.5	23.6	15.9	9.9	34.6	24.0	16.1
301.8	15.9	29.6	21.8	15.5	14.3	30.6	22.3	15.5	12.1	31.7	22.8	15.7	10.0	32.8	23.2	15.7	8.2	33.8	23.7	15.9
308.4	14.3	29.0	21.5	15.4	12.8	30.0	22.0	15.4	10.6	31.1	22.4	15.4	8.4	32.2	22.9	15.6	-	33.1	23.4	15.7
318.2	12.1	28.2	21.1	15.2	10.5	29.1	21.5	15.2	8.4	30.2	21.9	15.2	-	31.2	22.4	15.4	-	32.1	22.8	15.4
321.5	11.5	27.9	20.9	15.1	9.8	28.8	21.3	15.1	-	29.9	21.8	15.1	-	30.9	22.3	15.3	-	31.8	22.6	15.4
331.4	9.5	27.2	20.6	15.0	7.7	28.0	20.9	15.0	-	29.0	21.3	15.0	-	30.1	21.8	15.1	-	30.9	22.2	15.1
334.6	8.8	26.9	20.5	-	-	27.8	20.7	15.0	-	28.7	21.2	15.0	-	29.8	21.6	15.0	-	30.6	22.0	15.0
337.9	8.2	26.7	20.4	-	-	27.6	20.7	14.9	-	28.4	21.1	15.0	-	29.5	21.5	15.0	-	30.4	21.9	15.0
344.5	-	26.2	20.2	-	-	27.1	20.5	14.8	-	28.0	20.8	14.9	-	29.0	21.2	14.9	-	29.8	21.6	14.9
347.8	-	26.0	20.1	-	-	26.9	20.3	-	-	27.8	20.7	14.9	-	28.7	21.0	14.8	-	29.5	21.5	14.8
357.6	-	25.4	19.8	-	-	26.2	20.0	-	-	27.1	20.4	14.8	-	28.0	20.6	14.7	-	28.7	21.1	14.7
360.9	-	25.2	19.7	-	-	26.0	19.9	-	-	26.9	20.3	-	-	27.7	20.5	14.7	-	28.4	20.9	14.7
364.2	-	25.0	19.6	-	-	25.8	19.8	-	-	26.7	20.2	-	-	27.4	20.4	14.7	-	28.2	20.8	14.7
374.0	-	24.5	-	-	-	25.1	19.6	-	-	26.0	19.8	-	-	26.7	20.1	14.6	-	27.6	20.5	14.6
380.6	-	-	-	-	-	24.9	19.4	-	-	25.6	19.7	-	-	26.5	20.0	-	-	27.1	20.3	14.5
387.1	-	-	-	-	-	24.6	-	-	-	25.3	19.5	-	-	26.0	19.8	-	-	26.7	20.1	14.3
390.4	-	-	-	-	-	24.5	-	-	-	25.1	19.5	-	-	25.8	19.7	-	-	26.5	20.0	-
397.0	-	-	-	-	-	-	-	-	-	24.7	19.4	-	-	25.4	19.5	-	-	26.1	19.8	-
400.3	-	-	-	-	-	-	-	-	-	24.6	-	-	-	25.3	19.5	-	-	25.9	19.7	-
406.8	-	-	-	-	-	-	-	-	-	24.3	-	-	-	25.0	19.3	-	-	25.6	19.5	-
413.4	-	-	-	-	-	-	-	-	-	-	-	-	-	24.7	19.2	-	-	25.4	19.4	-
426.5	-	-	-	-	-	-	-	-	-	-	-	-	-	24.3	-	-	-	24.8	19.2	-
429.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.6	19.2	-
439.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.2	-	-
442.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	-	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

	393.7 ft				413.4 ft				433.1 ft				452.8 ft				
	LSL+LF_2																
	118.1 ft																
	0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			0 lb	0 - 661,500 lb			
	10°	20°		30°	10°	20°		30°	10°	20°		30°	10°	20°		30°	
ft	1,000 lb																ft
75.5	67.7	67.7	-	-	63.5	63.5	-	-	-	-	-	-	-	-	-	-	75.5
78.7	67.7	67.7	-	-	63.5	63.5	-	-	60.0	60.0	-	-	54.9	54.9	-	-	78.7
85.3	67.7	67.7	-	-	63.5	63.5	-	-	60.0	60.0	-	-	54.9	54.9	-	-	85.3
91.9	67.7	67.7	-	-	63.5	63.5	-	-	60.0	60.0	-	-	54.9	54.9	-	-	91.9
95.1	67.7	67.7	51.4	-	63.5	63.5	51.6	-	60.0	60.0	-	-	54.9	54.9	-	-	95.1
98.4	67.7	67.7	50.5	-	63.5	63.5	50.7	-	60.0	60.0	50.9	-	54.9	54.9	49.2	-	98.4
111.5	67.2	67.2	47.4	-	63.1	63.1	47.8	-	60.0	60.0	48.0	-	54.7	54.7	47.7	-	111.5
114.8	67.1	67.1	46.6	26.9	62.9	62.9	47.0	26.9	60.0	60.0	47.3	-	54.7	54.7	47.3	-	114.8
118.1	67.0	67.0	45.9	26.7	62.8	62.8	46.3	26.7	60.0	60.0	46.5	26.5	54.7	54.7	47.0	26.5	118.1
124.7	66.4	66.4	44.5	26.0	62.2	62.2	45.0	26.0	59.7	59.7	45.3	25.9	54.5	54.5	45.6	25.9	124.7
137.8	65.3	65.3	41.9	24.7	60.8	60.8	42.3	24.7	59.1	59.1	42.8	24.7	54.2	54.2	43.0	24.7	137.8
150.9	63.6	63.6	39.7	23.7	58.6	58.6	40.1	23.7	57.5	57.5	40.6	23.7	53.4	53.4	40.9	23.8	150.9
164.0	61.1	61.1	37.6	22.6	56.4	56.4	38.1	22.7	55.8	55.8	38.5	22.7	52.5	52.5	38.9	22.9	164.0
177.2	57.5	57.5	35.7	21.6	54.0	54.0	36.2	21.8	54.0	54.0	36.6	21.8	51.8	51.8	37.0	21.8	177.2
190.3	50.9	54.2	34.0	20.9	48.6	52.4	34.5	20.9	47.0	52.5	35.0	21.1	44.5	50.6	35.4	21.1	190.3
203.4	44.0	51.0	32.3	20.1	42.3	50.7	33.0	20.1	39.9	51.1	33.4	20.4	37.6	49.5	33.9	20.4	203.4
216.5	36.8	48.1	30.9	19.4	35.1	48.9	31.5	19.4	32.8	49.6	32.0	19.6	31.1	48.3	32.4	19.6	216.5
229.7	30.9	45.6	29.7	18.7	29.2	46.6	30.2	18.8	26.8	47.7	30.6	18.9	25.1	47.1	31.1	19.0	229.7
242.8	25.5	43.2	28.5	18.1	23.7	44.3	29.0	18.2	21.3	45.6	29.4	18.2	19.5	45.8	29.8	18.4	242.8
255.9	20.5	41.0	27.3	17.6	18.7	42.1	27.8	17.6	16.3	43.2	28.2	17.6	14.6	44.3	28.7	17.9	255.9
269.0	16.4	39.1	26.3	17.0	14.5	40.2	26.7	17.2	12.2	41.3	27.2	17.2	10.3	42.4	27.6	17.3	269.0
275.6	14.3	38.1	25.8	16.8	12.3	39.2	26.2	17.0	10.1	40.3	26.7	17.0	8.2	41.4	27.1	17.0	275.6
282.2	12.5	37.3	25.4	16.5	10.6	38.4	25.8	16.8	8.2	39.5	26.2	16.8	-	40.6	26.7	16.8	282.2
292.0	9.7	36.1	24.7	16.2	7.9	37.0	25.1	16.4	-	38.1	25.6	16.4	-	39.2	26.0	16.4	292.0
295.3	8.8	35.7	24.5	16.1	-	36.6	24.9	16.3	-	37.7	25.4	16.3	-	38.8	25.8	16.3	295.3
298.6	7.9	35.3	24.3	16.0	-	36.2	24.7	16.2	-	37.3	25.2	16.2	-	38.4	25.6	16.3	298.6
308.4	-	34.2	23.8	15.8	-	35.1	24.2	15.9	-	36.2	24.6	15.9	-	37.2	24.9	16.0	308.4
321.5	-	32.8	23.0	15.5	-	33.7	23.4	15.5	-	34.8	23.9	15.5	-	35.7	24.1	15.7	321.5
334.6	-	31.5	22.3	15.2	-	32.4	22.7	15.2	-	33.3	23.1	15.2	-	34.4	23.4	15.2	334.6
347.8	-	30.4	21.7	14.9	-	31.3	22.1	14.9	-	32.1	22.6	14.9	-	33.1	22.8	15.0	347.8
360.9	-	29.3	21.2	14.7	-	30.2	21.5	14.7	-	31.0	22.0	14.7	-	31.9	22.2	14.7	360.9
374.0	-	28.4	20.7	14.6	-	29.1	20.9	14.6	-	30.0	21.4	14.6	-	30.9	21.6	14.6	374.0
387.1	-	27.6	20.3	14.4	-	28.2	20.5	14.4	-	29.1	20.9	14.3	-	29.8	21.2	14.3	387.1
400.3	-	26.7	19.9	14.3	-	27.4	20.1	14.3	-	28.1	20.5	14.1	-	28.9	20.7	14.1	400.3
413.4	-	26.0	19.6	-	-	26.7	19.8	14.1	-	26.9	20.1	14.1	-	28.0	20.3	13.9	413.4
426.5	-	25.3	19.3	-	-	26.0	19.5	-	-	25.5	19.6	13.9	-	27.3	19.8	13.9	426.5
429.8	-	25.1	19.3	-	-	25.8	19.5	-	-	25.1	19.5	13.9	-	27.1	19.7	13.9	429.8
439.6	-	24.7	19.1	-	-	25.3	19.3	-	-	24.0	19.4	-	-	26.5	19.5	13.9	439.6
442.9	-	24.6	19.0	-	-	25.1	19.2	-	-	23.6	19.3	-	-	26.3	19.5	13.9	442.9
446.2	-	24.5	19.0	-	-	25.0	19.1	-	-	23.2	19.3	-	-	26.2	19.4	-	446.2
452.8	-	24.3	-	-	-	24.7	19.0	-	-	22.5	19.2	-	-	25.8	19.2	-	452.8
459.3	-	24.0	-	-	-	24.3	19.0	-	-	21.8	19.0	-	-	25.4	19.1	-	459.3
462.6	-	-	-	-	-	24.0	19.0	-	-	21.4	19.0	-	-	25.1	19.1	-	462.6
465.9	-	-	-	-	-	23.8	-	-	-	21.0	18.7	-	-	24.9	19.0	-	465.9
475.7	-	-	-	-	-	22.9	-	-	-	19.9	17.6	-	-	23.9	19.0	-	475.7
479.0	-	-	-	-	-	-	-	-	-	19.5	-	-	-	23.6	18.8	-	479.0
492.1	-	-	-	-	-	-	-	-	-	18.1	-	-	-	22.3	18.3	-	492.1
511.8	-	-	-	-	-	-	-	-	-	-	-	-	-	20.5	-	-	511.8

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Notes

LUFFING FLY JIB

275.6 ft
255.9 ft
236.2 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
118.1 ft
98.4 ft
78.7 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
118.1 ft
98.4 ft
512
496
480
464
448
432
416
400
384
368
352
336
320
304
288
272
256
240
224
208
192
176
160
144
128
112
96
80
64
48
32
16
0
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 ft

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

98.4 ft

ft	78.7 ft 85°	78.7 ft 75°	78.7 ft 65°	98.4 ft 85°	98.4 ft 75°	98.4 ft 65°	118.1 ft 85°	118.1 ft 75°	118.1 ft 65°	137.8 ft 85°	137.8 ft 75°	137.8 ft 65°	157.5 ft 85°	157.5 ft 75°	157.5 ft 65°	177.2 ft 85°	177.2 ft 75°	177.2 ft 65°
							1,000 lb											
45.9	474.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.5	412.3	-	-	396.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	352.7	-	-	350.5	-	-	339.5	-	-	-	-	-	-	-	-	-	-	-
65.6	304.2	-	-	304.2	-	-	302.0	-	-	295.4	-	-	-	-	-	-	-	-
72.2	266.8	-	-	266.8	-	-	264.6	-	-	262.4	-	-	257.9	-	-	-	-	-
78.7	238.1	222.7	-	238.1	-	-	235.9	-	-	233.7	-	-	231.5	-	-	229.3	-	-
85.3	215.0	200.6	-	213.8	199.5	-	212.7	-	-	210.5	-	-	209.4	-	-	207.2	-	-
91.9	195.1	181.9	-	194.0	180.8	-	192.9	-	-	190.7	-	-	189.6	-	-	187.4	-	-
98.4	-	166.4	-	177.5	164.2	-	176.4	163.1	-	174.2	-	-	172.0	-	-	170.9	-	-
105.0	-	153.2	142.2	163.7	152.1	-	162.6	150.5	-	160.9	147.7	-	158.7	-	-	157.1	-	-
111.5	-	-	131.2	149.9	140.0	-	148.8	137.8	-	147.7	135.6	-	145.5	133.4	-	143.3	-	-
118.1	-	-	122.4	-	130.1	120.2	138.9	128.4	-	137.2	126.2	-	135.6	124.0	-	133.4	-	-
124.7	-	-	113.5	-	120.2	111.3	129.0	119.0	-	126.8	116.8	-	125.7	114.6	-	123.5	112.4	-
131.2	-	-	-	-	-	104.6	-	111.8	102.5	119.0	109.6	-	117.7	107.5	-	115.6	105.3	-
137.8	-	-	-	-	-	97.9	-	104.5	96.1	111.3	102.3	-	109.8	100.3	-	107.8	98.1	-
144.4	-	-	-	-	-	-	-	98.3	90.5	-	96.2	87.5	103.4	94.2	-	101.4	92.2	-
150.9	-	-	-	-	-	-	-	-	84.9	-	90.2	82.2	97.0	88.2	80.0	95.0	86.2	-
164.0	-	-	-	-	-	-	-	-	75.6	-	80.5	73.0	86.4	78.5	70.8	84.4	76.3	68.3
177.2	-	-	-	-	-	-	-	-	-	-	-	65.5	-	70.3	63.3	75.6	68.1	60.6
183.7	-	-	-	-	-	-	-	-	-	-	-	-	-	66.8	60.1	-	64.6	57.3
190.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.9	-	61.1	54.0
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.3	48.3
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.2

ft	196.9 ft 85°	196.9 ft 75°	196.9 ft 65°	216.5 ft 85°	216.5 ft 75°	216.5 ft 65°	236.2 ft 85°	236.2 ft 75°	236.2 ft 65°	255.9 ft 85°	255.9 ft 75°	255.9 ft 65°	275.6 ft 85°	275.6 ft 75°	275.6 ft 65°	ft
							1,000 lb									
85.3	203.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85.3
91.9	185.2	-	-	183.0	-	-	-	-	-	-	-	-	-	-	-	91.9
98.4	168.7	-	-	167.6	-	-	164.2	-	-	-	-	-	-	-	-	98.4
111.5	142.2	-	-	140.0	-	-	138.9	-	-	138.9	-	-	134.5	-	-	111.5
124.7	122.4	-	-	120.2	-	-	119.0	-	-	117.9	-	-	115.7	-	-	124.7
131.2	114.3	103.2	-	112.3	-	-	111.1	-	-	110.2	-	-	108.1	-	-	131.2
137.8	106.3	96.1	-	104.5	-	-	103.2	-	-	102.5	-	-	100.5	-	-	137.8
144.4	99.9	90.2	-	98.1	88.0	-	96.7	-	-	96.0	-	-	94.0	-	-	144.4
150.9	93.5	84.2	-	91.7	82.2	-	90.2	80.5	-	89.5	-	-	87.5	-	-	150.9
157.5	88.1	79.4	-	86.3	77.4	-	84.9	75.6	-	84.2	74.5	-	82.2	-	-	157.5
164.0	82.7	74.5	-	80.9	72.5	-	79.6	70.8	-	78.9	69.9	-	76.9	-	-	164.0
170.6	78.3	70.3	-	76.5	68.3	-	75.1	66.7	-	74.4	65.8	-	72.4	63.3	-	170.6
177.2	73.9	66.1	58.4	72.1	64.2	-	70.5	62.6	-	69.9	61.7	-	67.9	59.1	-	177.2
190.3	66.4	59.3	51.6	64.6	57.3	49.2	63.1	55.3	-	62.4	54.2	-	60.4	51.8	-	190.3
203.4	60.0	53.4	45.9	58.2	50.9	43.2	56.7	48.9	41.0	55.8	48.1	-	53.8	45.4	-	203.4
216.5	-	47.8	40.8	52.7	45.6	38.4	50.9	43.4	36.2	50.3	42.5	35.1	48.1	39.9	-	216.5
223.1	-	45.4	38.7	-	43.2	36.2	48.4	41.1	34.0	47.6	40.1	32.8	45.4	37.5	-	223.1
229.7	-	-	36.6	-	40.8	34.0	45.9	38.8	31.7	45.0	37.7	30.6	42.8	35.1	28.0	229.7
242.8	-	-	-	-	36.8	30.2	41.4	34.6	28.0	40.3	33.5	26.7	37.9	30.9	24.0	242.8
255.9	-	-	-	-	-	26.9	-	30.9	24.7	36.4	29.8	23.4	34.0	27.1	20.7	255.9
259.2	-	-	-	-	-	-	-	30.0	23.9	-	28.9	22.6	33.0	26.3	20.0	259.2
269.0	-	-	-	-	-	-	-	-	21.6	-	26.5	20.3	30.2	23.8	17.6	269.0
275.6	-	-	-	-	-	-	-	-	-	-	24.9	19.0	28.7	22.4	16.3	275.6
282.2	-	-	-	-	-	-	-	-	-	-	-	17.6	27.1	20.9	15.0	282.2
295.3	-	-	-	-	-	-	-	-	-	-	-	15.2	-	18.3	12.6	295.3
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.4	308.4

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

118.1 ft

	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft							1,000 lb											
52.5	396.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	350.5	-	-	339.5	-	-	328.5	-	-	-	-	-	-	-	-	-	-	-
65.6	304.2	-	-	302.0	-	-	295.4	-	-	284.4	-	-	-	-	-	-	-	-
72.2	266.8	-	-	266.8	-	-	264.6	-	-	257.9	-	-	251.3	-	-	-	-	-
78.7	238.1	-	-	235.9	-	-	233.7	-	-	231.5	-	-	229.3	-	-	220.5	-	-
85.3	213.8	197.3	-	212.7	-	-	211.6	-	-	209.4	-	-	207.2	-	-	203.9	-	-
91.9	194.0	178.6	-	192.9	176.4	-	191.8	-	-	189.6	-	-	187.4	-	-	186.3	-	-
98.4	-	163.1	-	176.4	160.9	-	174.2	158.7	-	173.1	-	-	170.9	-	-	168.7	-	-
111.5	-	137.8	125.7	149.9	136.7	-	147.7	134.5	-	146.6	131.2	-	144.4	-	-	142.2	-	-
118.1	-	-	117.4	-	127.3	-	137.8	125.1	-	136.1	122.4	-	134.5	120.2	-	132.3	-	-
124.7	-	-	109.1	-	117.9	106.9	127.9	115.7	-	125.7	113.5	-	124.6	111.3	-	122.4	-	-
131.2	-	-	-	-	110.2	100.2	-	108.6	-	117.9	106.3	-	116.6	104.2	-	114.6	101.6	-
137.8	-	-	-	-	-	93.5	-	101.4	90.8	110.2	99.0	-	108.7	97.0	-	106.9	94.8	-
150.9	-	-	-	-	-	82.7	-	89.7	80.2	97.7	87.3	77.4	95.9	85.3	-	94.1	83.1	-
164.0	-	-	-	-	-	-	-	-	71.4	-	77.8	68.6	85.5	75.8	66.4	83.6	73.4	-
170.6	-	-	-	-	-	-	-	-	-	-	73.6	64.9	-	71.8	62.5	79.1	69.4	-
177.2	-	-	-	-	-	-	-	-	-	-	-	61.3	-	67.7	58.6	74.7	65.5	55.8
187.0	-	-	-	-	-	-	-	-	-	-	-	56.5	-	62.7	53.8	69.0	60.4	51.0
190.3	-	-	-	-	-	-	-	-	-	-	-	54.9	-	61.1	52.2	-	58.6	49.4
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.7	-	52.9	43.9
210.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.3	41.6
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.2
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.1

	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	
ft							1,000 lb									ft
85.3	198.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85.3
91.9	183.0	-	-	177.5	-	-	-	-	-	-	-	-	-	-	-	91.9
98.4	167.6	-	-	164.2	-	-	159.8	-	-	-	-	-	-	-	-	98.4
111.5	141.1	-	-	138.9	-	-	137.8	-	-	134.5	-	-	130.1	-	-	111.5
124.7	121.3	-	-	119.0	-	-	117.9	-	-	116.8	-	-	114.6	-	-	124.7
137.8	105.4	92.8	-	103.6	-	-	102.1	-	-	101.4	-	-	99.4	-	-	137.8
144.4	98.9	87.1	-	97.1	84.7	-	95.7	-	-	95.0	-	-	93.0	-	-	144.4
150.9	92.4	81.4	-	90.6	79.1	-	89.3	-	-	88.6	-	-	86.6	-	-	150.9
157.5	87.2	76.5	-	85.4	74.4	-	84.0	72.5	-	83.3	-	-	81.4	-	-	157.5
164.0	82.0	71.7	-	80.2	69.7	-	78.7	67.9	-	78.0	67.0	-	76.1	-	-	164.0
177.2	73.2	63.7	-	71.2	61.5	-	69.9	59.5	-	69.2	58.6	-	67.2	56.0	-	177.2
190.3	65.7	56.7	47.0	63.9	54.5	-	62.4	52.5	-	61.7	51.4	-	59.7	48.7	-	190.3
203.4	59.3	50.7	41.4	57.3	48.3	38.8	55.8	46.3	-	55.1	45.2	-	53.1	42.5	-	203.4
216.5	-	45.4	36.6	51.8	43.0	34.2	50.3	41.0	32.0	49.4	39.9	-	47.2	37.3	-	216.5
226.4	-	41.9	33.6	-	39.5	31.0	46.5	37.4	28.8	45.6	36.4	-	43.2	33.8	-	226.4
229.7	-	-	32.6	-	38.4	30.0	45.2	36.2	27.8	44.3	35.3	26.5	41.9	32.6	-	229.7
242.8	-	-	29.1	-	34.4	26.5	40.6	32.2	24.0	39.7	31.1	22.9	37.3	28.4	20.1	242.8
255.9	-	-	-	-	-	23.4	-	28.7	20.9	35.5	27.6	19.6	33.3	24.9	17.0	255.9
262.5	-	-	-	-	-	-	-	26.9	19.5	-	25.9	18.2	31.4	23.3	15.5	262.5
269.0	-	-	-	-	-	-	-	-	18.1	-	24.3	16.8	29.5	21.6	14.1	269.0
282.2	-	-	-	-	-	-	-	-	15.7	-	21.4	14.3	26.5	18.7	11.5	282.2
295.3	-	-	-	-	-	-	-	-	-	-	-	12.1	-	16.3	9.3	295.3
301.8	-	-	-	-	-	-	-	-	-	-	-	-	-	15.0	-	301.8

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

137.8 ft

	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft								1,000 lb										
52.5	381.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	339.5	-	-	326.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	302.0	-	-	293.2	-	-	284.4	-	-	-	-	-	-	-	-	-	-	-
72.2	264.6	-	-	264.6	-	-	257.9	-	-	249.1	-	-	-	-	-	-	-	-
78.7	235.9	-	-	233.7	-	-	233.7	-	-	229.3	-	-	222.7	-	-	215.0	-	-
85.3	212.7	191.8	-	211.6	-	-	209.4	-	-	208.3	-	-	205.0	-	-	197.3	-	-
91.9	192.9	173.1	-	191.8	-	-	190.7	-	-	188.5	-	-	186.3	-	-	183.0	-	-
98.4	-	158.7	-	175.3	156.5	-	174.2	-	-	172.0	-	-	169.8	-	-	167.6	-	-
105.0	-	146.6	-	162.0	144.4	-	160.9	141.1	-	158.7	-	-	156.5	-	-	154.3	-	-
111.5	-	134.5	-	148.8	132.3	-	147.7	130.1	-	145.5	-	-	143.3	-	-	141.1	-	-
118.1	-	124.6	-	-	123.5	-	137.2	121.3	-	135.0	117.9	-	133.4	-	-	131.2	-	-
124.7	-	-	103.4	-	114.6	-	126.8	112.4	-	124.6	110.2	-	123.5	108.2	-	121.3	-	-
131.2	-	-	96.8	-	107.5	-	-	105.5	-	117.2	103.2	-	115.9	101.2	-	113.5	97.9	-
137.8	-	-	90.2	-	100.3	88.2	-	98.5	-	109.8	96.1	-	108.2	94.1	-	105.8	91.3	-
150.9	-	-	-	-	-	77.8	-	86.9	75.4	97.0	84.7	-	95.5	82.7	-	93.0	79.8	-
157.5	-	-	-	-	-	-	-	82.0	71.2	-	79.9	-	90.2	77.9	-	87.7	75.2	-
164.0	-	-	-	-	-	-	-	-	67.0	-	75.2	63.7	84.9	73.2	-	82.5	70.5	-
177.2	-	-	-	-	-	-	-	-	59.7	-	67.5	56.4	-	65.5	54.0	73.9	62.6	-
190.3	-	-	-	-	-	-	-	-	-	-	-	50.5	-	58.9	47.8	66.6	55.8	44.3
193.6	-	-	-	-	-	-	-	-	-	-	-	-	-	57.3	46.5	-	54.3	43.0
203.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.5	-	50.0	39.2
210.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.3	-	47.4	36.9
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.1	-	-	34.6
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.9

	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	
ft							1,000 lb									ft
85.3	191.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85.3
91.9	177.5	-	-	172.0	-	-	-	-	-	-	-	-	-	-	-	91.9
98.4	164.2	-	-	159.8	-	-	154.3	-	-	-	-	-	-	-	-	98.4
111.5	140.0	-	-	138.9	-	-	134.5	-	-	130.1	-	-	125.7	-	-	111.5
124.7	120.2	-	-	117.9	-	-	116.8	-	-	114.6	-	-	110.2	-	-	124.7
137.8	104.3	-	-	103.0	-	-	101.0	-	-	100.3	-	-	97.9	-	-	137.8
144.4	97.9	83.3	-	96.7	-	-	94.6	-	-	94.0	-	-	91.7	-	-	144.4
150.9	91.5	78.0	-	90.4	76.5	-	88.2	-	-	87.7	-	-	85.5	-	-	150.9
164.0	80.9	68.6	-	79.8	67.0	-	77.8	64.4	-	77.2	-	-	75.2	-	-	164.0
170.6	76.5	64.6	-	75.4	62.9	-	73.4	60.3	-	72.8	59.1	-	70.8	-	-	170.6
177.2	72.1	60.6	-	71.0	58.9	-	69.0	56.2	-	68.3	55.1	-	66.4	52.5	-	177.2
190.3	64.8	53.6	-	63.5	51.8	-	61.5	49.2	-	60.8	48.3	-	58.9	45.4	-	190.3
203.4	58.4	47.6	36.6	57.1	45.9	34.6	55.1	43.2	-	54.5	42.3	-	52.2	39.7	-	203.4
216.5	-	42.5	32.2	51.6	40.8	30.2	49.4	38.1	27.3	48.5	37.0	-	46.3	34.4	-	216.5
226.4	-	39.2	29.4	47.8	37.5	27.2	45.6	34.7	24.4	44.7	33.7	-	42.3	31.1	-	226.4
229.7	-	38.1	28.4	-	36.4	26.2	44.3	33.5	23.4	43.4	32.6	22.3	41.0	30.0	-	229.7
242.8	-	-	24.9	-	32.4	22.9	39.9	29.8	20.1	38.8	28.7	18.7	36.4	26.0	15.9	242.8
249.3	-	-	23.5	-	30.6	21.5	-	28.0	18.5	36.8	26.9	17.3	34.4	24.3	14.4	249.3
255.9	-	-	22.0	-	-	19.8	-	26.2	17.0	34.8	25.1	15.9	32.4	22.5	13.0	255.9
269.0	-	-	-	-	-	17.2	-	23.1	14.3	-	22.0	13.0	28.9	19.4	10.4	269.0
275.6	-	-	-	-	-	-	-	-	13.2	-	20.6	11.9	27.2	18.0	9.0	275.6
282.2	-	-	-	-	-	-	-	-	12.1	-	19.2	10.8	25.6	16.5	-	282.2
288.7	-	-	-	-	-	-	-	-	11.0	-	17.9	9.6	-	15.3	-	288.7
292.0	-	-	-	-	-	-	-	-	10.5	-	-	9.0	-	14.7	-	292.0
295.3	-	-	-	-	-	-	-	-	9.9	-	-	-	-	14.1	-	295.3
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	-	308.4

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

157.5 ft

ft	78.7 ft 85°	78.7 ft 75°	78.7 ft 65°	98.4 ft 85°	98.4 ft 75°	98.4 ft 65°	118.1 ft 85°	118.1 ft 75°	118.1 ft 65°	137.8 ft 85°	137.8 ft 75°	137.8 ft 65°	157.5 ft 85°	157.5 ft 75°	157.5 ft 65°	177.2 ft 85°	177.2 ft 75°	177.2 ft 65°
							1,000 lb											
52.5	366.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	326.3	-	-	315.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	293.2	-	-	284.4	-	-	275.6	-	-	-	-	-	-	-	-	-	-	-
72.2	262.4	-	-	257.9	-	-	249.1	-	-	240.3	-	-	-	-	-	-	-	-
78.7	233.7	-	-	233.7	-	-	229.3	-	-	220.5	-	-	215.0	-	-	-	-	-
85.3	210.5	-	-	209.4	-	-	208.3	-	-	203.9	-	-	197.3	-	-	190.7	-	-
91.9	190.7	168.7	-	189.6	-	-	188.5	-	-	186.3	-	-	183.0	-	-	177.5	-	-
95.1	181.9	160.9	-	181.3	-	-	180.2	-	-	178.0	-	-	175.8	-	-	170.9	-	-
98.4	-	153.2	-	173.1	-	-	172.0	-	-	169.8	-	-	168.7	-	-	164.2	-	-
105.0	-	141.6	-	160.4	138.9	-	158.7	-	-	157.1	-	-	155.4	-	-	152.1	-	-
111.5	-	130.1	-	147.7	127.9	-	145.5	125.7	-	144.4	-	-	142.2	-	-	140.0	-	-
118.1	-	121.3	-	-	119.0	-	135.6	117.2	-	133.9	113.5	-	132.3	-	-	130.1	-	-
124.7	-	112.4	-	-	110.2	-	125.7	108.7	-	123.5	106.0	-	122.4	-	-	120.2	-	-
131.2	-	-	-	-	103.5	-	-	101.7	-	116.0	99.2	-	114.6	96.8	-	112.7	-	-
137.8	-	-	84.4	-	96.8	-	-	94.8	-	108.5	92.4	-	106.9	90.2	-	105.2	88.0	-
144.4	-	-	79.5	-	90.8	76.9	-	89.2	-	102.2	86.8	-	100.6	84.7	-	98.8	82.5	-
150.9	-	-	74.5	-	-	72.1	-	83.6	-	95.9	81.1	-	94.4	79.1	-	92.4	76.9	-
157.5	-	-	-	-	-	67.9	-	78.9	65.0	-	76.6	-	89.2	74.6	-	87.2	72.4	-
160.8	-	-	-	-	-	65.8	-	76.5	63.1	-	74.4	-	86.6	72.4	-	84.6	70.2	-
164.0	-	-	-	-	-	63.7	-	-	61.1	-	72.1	57.8	84.0	70.1	-	82.0	67.9	-
177.2	-	-	-	-	-	-	-	-	54.2	-	64.4	50.9	-	62.4	48.3	73.4	60.0	-
190.3	-	-	-	-	-	-	-	-	-	-	-	45.2	-	55.8	42.5	65.9	53.1	39.5
196.9	-	-	-	-	-	-	-	-	-	-	-	42.8	-	52.7	40.1	-	50.3	37.0
203.4	-	-	-	-	-	-	-	-	-	-	-	40.3	-	-	37.7	-	47.4	34.6
216.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.5	-	42.3	30.4
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8

ft	196.9 ft 85°	196.9 ft 75°	196.9 ft 65°	216.5 ft 85°	216.5 ft 75°	216.5 ft 65°	236.2 ft 85°	236.2 ft 75°	236.2 ft 65°	255.9 ft 85°	255.9 ft 75°	255.9 ft 65°	275.6 ft 85°	275.6 ft 75°	275.6 ft 65°	ft
							1,000 lb									
91.9	170.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91.9
98.4	158.7	-	-	154.3	-	-	-	-	-	-	-	-	-	-	-	98.4
111.5	138.9	-	-	134.5	-	-	130.1	-	-	125.7	-	-	116.8	-	-	111.5
124.7	119.0	-	-	116.8	-	-	113.5	-	-	110.2	-	-	106.7	-	-	124.7
137.8	103.6	-	-	101.9	-	-	100.5	-	-	98.3	-	-	94.1	-	-	137.8
150.9	91.1	75.0	-	89.3	-	-	87.7	-	-	86.6	-	-	83.8	-	-	150.9
157.5	85.8	70.3	-	84.0	67.7	-	82.6	-	-	81.4	-	-	78.9	-	-	157.5
164.0	80.5	65.7	-	78.7	63.3	-	77.4	61.1	-	76.1	-	-	74.1	-	-	164.0
177.2	71.9	57.8	-	70.1	55.3	-	68.6	53.4	-	67.5	51.4	-	65.3	-	-	177.2
183.7	68.1	54.3	-	66.4	51.9	-	64.9	49.9	-	63.7	48.1	-	61.6	45.2	-	183.7
190.3	64.4	50.9	-	62.6	48.5	-	61.3	46.5	-	60.0	44.8	-	58.0	42.1	-	190.3
203.4	58.0	45.2	32.2	56.2	42.8	-	54.9	40.8	-	53.6	39.0	-	51.1	36.4	-	203.4
216.5	-	40.1	28.0	50.7	37.9	25.4	49.2	35.9	-	47.6	34.2	-	45.2	31.3	-	216.5
229.7	-	35.9	24.5	45.9	33.5	21.8	44.1	31.5	19.4	42.5	29.8	-	40.1	27.1	-	229.7
236.2	-	34.0	22.8	-	31.6	20.2	41.8	29.5	17.9	40.2	27.8	-	37.8	25.1	-	236.2
242.8	-	-	21.2	-	29.8	18.5	39.5	27.6	16.3	37.9	25.8	14.3	35.5	23.1	-	242.8
255.9	-	-	18.3	-	26.5	15.9	-	24.3	13.4	34.0	22.5	11.5	31.5	19.8	-	255.9
269.0	-	-	-	-	-	13.2	-	21.2	11.0	30.4	19.4	9.0	28.0	16.8	-	269.0
275.6	-	-	-	-	-	12.2	-	19.8	9.8	-	18.1	-	26.5	15.4	-	275.6
278.9	-	-	-	-	-	11.7	-	-	9.3	-	17.4	-	25.7	14.8	-	278.9
282.2	-	-	-	-	-	11.2	-	-	-	-	16.8	-	24.9	14.1	-	282.2
295.3	-	-	-	-	-	-	-	-	-	-	14.6	-	-	11.7	-	295.3
308.4	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	308.4
311.7	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	-	311.7

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

177.2 ft

ft	78.7 ft 85°	78.7 ft 75°	78.7 ft 65°	98.4 ft 85°	98.4 ft 75°	98.4 ft 65°	118.1 ft 85°	118.1 ft 75°	118.1 ft 65°	137.8 ft 85°	137.8 ft 75°	137.8 ft 65°	157.5 ft 85°	157.5 ft 75°	157.5 ft 65°	177.2 ft 85°	177.2 ft 75°	177.2 ft 65°
							1,000 lb											
52.5	352.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.1	313.1	-	-	302.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	282.2	-	-	273.4	-	-	264.6	-	-	-	-	-	-	-	-	-	-	-
72.2	257.9	-	-	249.1	-	-	240.3	-	-	233.7	-	-	-	-	-	-	-	-
78.7	231.5	-	-	229.3	-	-	220.5	-	-	213.8	-	-	207.2	-	-	-	-	-
85.3	209.4	-	-	208.3	-	-	205.0	-	-	197.3	-	-	190.7	-	-	184.1	-	-
91.9	189.6	-	-	188.5	-	-	187.4	-	-	183.0	-	-	177.5	-	-	170.9	-	-
98.4	173.1	148.8	-	172.0	-	-	170.9	-	-	168.7	-	-	165.3	-	-	158.7	-	-
105.0	-	137.2	-	159.3	134.5	-	157.6	-	-	156.0	-	-	153.2	-	-	148.8	-	-
111.5	-	125.7	-	146.6	124.6	-	144.4	-	-	143.3	-	-	141.1	-	-	138.9	-	-
118.1	-	117.1	-	-	115.9	-	134.5	112.4	-	133.4	-	-	131.2	-	-	129.0	-	-
124.7	-	108.5	-	-	107.1	-	124.6	105.2	-	123.5	102.5	-	121.3	-	-	119.0	-	-
128.0	-	104.7	-	-	103.7	-	120.8	101.8	-	119.5	99.2	-	117.4	-	-	115.2	-	-
137.8	-	-	78.0	-	93.5	-	109.6	91.7	-	107.8	89.1	-	105.8	86.4	-	103.8	-	-
144.4	-	-	73.2	-	87.7	-	-	86.2	-	101.5	83.7	-	99.5	81.0	-	97.6	78.5	-
150.9	-	-	68.3	-	-	66.4	-	80.7	-	95.2	78.3	-	93.3	75.6	-	91.3	73.2	-
164.0	-	-	-	-	-	58.4	-	71.7	55.8	-	69.4	-	82.9	66.8	-	80.9	64.2	-
177.2	-	-	-	-	-	51.8	-	-	49.2	-	61.9	45.9	-	59.1	-	72.3	56.4	-
183.7	-	-	-	-	-	-	-	-	46.4	-	58.4	43.2	-	55.8	-	68.7	53.1	-
190.3	-	-	-	-	-	-	-	-	43.7	-	-	40.6	-	52.5	37.3	65.0	49.8	-
203.4	-	-	-	-	-	-	-	-	-	-	-	35.9	-	47.0	32.6	-	44.3	29.8
216.5	-	-	-	-	-	-	-	-	-	-	-	32.0	-	-	28.7	-	39.5	25.8
223.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.0	-	37.5	24.1
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.4	-	-	22.5
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.4

ft	196.9 ft 85°	196.9 ft 75°	196.9 ft 65°	216.5 ft 85°	216.5 ft 75°	216.5 ft 65°	236.2 ft 85°	236.2 ft 75°	236.2 ft 65°	255.9 ft 85°	255.9 ft 75°	255.9 ft 65°	275.6 ft 85°	275.6 ft 75°	275.6 ft 65°	ft
							1,000 lb									
91.9	165.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91.9
98.4	153.2	-	-	148.8	-	-	-	-	-	-	-	-	-	-	-	98.4
111.5	134.5	-	-	130.1	-	-	124.6	-	-	121.3	-	-	-	-	-	111.5
124.7	117.9	-	-	114.6	-	-	110.2	-	-	106.9	-	-	102.7	-	-	124.7
137.8	102.5	-	-	100.8	-	-	97.7	-	-	94.8	-	-	90.8	-	-	137.8
150.9	89.9	71.0	-	88.2	-	-	86.6	-	-	84.4	-	-	80.7	-	-	150.9
164.0	79.6	61.9	-	77.8	59.3	-	76.3	-	-	75.0	-	-	71.9	-	-	164.0
170.6	75.2	58.1	-	73.4	55.4	-	72.0	53.4	-	70.7	-	-	68.1	-	-	170.6
177.2	70.8	54.2	-	69.0	51.6	-	67.7	49.6	-	66.4	-	-	64.4	-	-	177.2
183.7	67.1	50.9	-	65.4	48.4	-	64.0	46.4	-	62.7	44.3	-	61.1	-	-	183.7
190.3	63.5	47.6	-	61.7	45.2	-	60.4	43.2	-	59.1	41.2	-	57.8	39.5	-	190.3
203.4	57.1	42.1	-	55.3	39.7	-	54.0	37.7	-	52.5	35.7	-	50.9	34.0	-	203.4
216.5	-	37.3	23.4	49.8	34.8	-	48.3	32.8	-	46.7	31.1	-	45.2	29.1	-	216.5
229.7	-	33.1	19.8	45.0	30.6	17.2	43.0	28.7	-	41.7	26.9	-	40.1	25.1	-	229.7
242.8	-	29.5	17.0	-	26.9	14.3	38.6	24.9	11.9	37.0	23.1	-	35.5	21.4	-	242.8
255.9	-	-	14.3	-	23.8	11.7	-	21.6	9.3	33.1	19.8	-	31.5	18.1	-	255.9
262.5	-	-	13.2	-	22.3	10.5	-	20.3	-	31.3	18.4	-	29.7	16.6	-	262.5
269.0	-	-	12.1	-	-	9.3	-	18.7	-	29.5	17.0	-	27.8	15.2	-	269.0
272.3	-	-	-	-	-	8.8	-	18.1	-	-	16.4	-	27.0	14.6	-	272.3
282.2	-	-	-	-	-	-	-	16.3	-	-	14.6	-	24.7	12.6	-	282.2
295.3	-	-	-	-	-	-	-	-	-	-	12.1	-	-	10.1	-	295.3
298.6	-	-	-	-	-	-	-	-	-	-	11.7	-	-	9.6	-	298.6
301.8	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	-	301.8

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

196.9 ft

	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
ft							1,000 lb											
59.1	302.0	-	-	291.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	273.4	-	-	262.4	-	-	255.7	-	-	-	-	-	-	-	-	-	-	-
72.2	249.1	-	-	240.3	-	-	231.5	-	-	224.9	-	-	-	-	-	-	-	-
78.7	229.3	-	-	220.5	-	-	213.8	-	-	206.1	-	-	199.5	-	-	-	-	-
85.3	208.3	-	-	203.9	-	-	197.3	-	-	190.7	-	-	184.1	-	-	177.5	-	-
91.9	188.5	-	-	187.4	-	-	183.0	-	-	176.4	-	-	170.9	-	-	165.3	-	-
98.4	172.0	-	-	170.9	-	-	169.8	-	-	164.2	-	-	158.7	-	-	153.2	-	-
105.0	-	132.3	-	157.6	-	-	156.5	-	-	152.7	-	-	148.8	-	-	143.9	-	-
111.5	-	122.4	-	144.4	119.0	-	143.3	-	-	141.1	-	-	138.9	-	-	134.5	-	-
124.7	-	105.4	-	-	102.5	-	123.5	100.5	-	121.3	-	-	120.2	-	-	117.9	-	-
131.2	-	98.3	-	-	96.0	-	115.9	93.9	-	113.9	91.1	-	112.5	-	-	110.2	-	-
137.8	-	-	-	-	89.5	-	108.2	87.3	-	106.5	84.9	-	104.9	82.7	-	102.5	-	-
150.9	-	-	62.8	-	78.7	-	-	76.9	-	93.9	74.5	-	92.6	72.1	-	90.2	68.6	-
164.0	-	-	55.3	-	-	51.8	-	68.3	-	-	65.5	-	82.2	63.1	-	79.8	59.7	-
170.6	-	-	-	-	-	48.7	-	64.4	-	-	61.7	-	77.9	59.4	-	75.5	56.1	-
177.2	-	-	-	-	-	45.6	-	-	43.0	-	58.0	-	73.6	55.8	-	71.2	52.5	-
190.3	-	-	-	-	-	-	-	-	37.9	-	51.8	34.6	-	49.4	-	63.9	46.1	-
203.4	-	-	-	-	-	-	-	-	33.5	-	-	30.4	-	44.1	27.6	-	40.8	-
210.0	-	-	-	-	-	-	-	-	-	-	-	28.5	-	41.7	25.8	-	38.5	-
216.5	-	-	-	-	-	-	-	-	-	-	-	26.7	-	-	24.0	-	36.2	20.5
229.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.9	-	32.2	17.2
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	-	-	14.6
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.3

	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	
ft							1,000 lb									ft
91.9	158.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91.9
98.4	147.7	-	-	143.3	-	-	-	-	-	-	-	-	-	-	-	98.4
111.5	129.0	-	-	124.6	-	-	120.2	-	-	110.2	-	-	-	-	-	111.5
124.7	113.5	-	-	110.2	-	-	106.0	-	-	102.7	-	-	97.0	-	-	124.7
137.8	101.2	-	-	98.1	-	-	93.9	-	-	91.1	-	-	86.9	-	-	137.8
150.9	88.6	-	-	86.9	-	-	83.8	-	-	80.9	-	-	77.2	-	-	150.9
157.5	83.6	61.7	-	81.7	-	-	79.5	-	-	76.7	-	-	73.0	-	-	157.5
164.0	78.5	57.5	-	76.5	-	-	75.2	-	-	72.5	-	-	68.8	-	-	164.0
170.6	74.2	53.9	-	72.2	51.1	-	70.9	-	-	68.8	-	-	65.1	-	-	170.6
177.2	69.9	50.3	-	67.9	47.6	-	66.6	45.4	-	65.0	-	-	61.5	-	-	177.2
183.7	66.1	47.1	-	64.3	44.5	-	62.9	42.3	-	61.5	40.3	-	58.3	-	-	183.7
190.3	62.4	43.9	-	60.6	41.4	-	59.3	39.2	-	58.0	37.5	-	55.1	-	-	190.3
196.9	59.3	41.2	-	57.5	38.8	-	56.1	36.7	-	54.7	34.8	-	52.4	32.4	-	196.9
203.4	56.2	38.6	-	54.5	36.2	-	52.9	34.2	-	51.4	32.2	-	49.6	30.2	-	203.4
216.5	-	34.0	17.9	48.7	31.5	-	47.2	29.5	-	45.6	27.6	-	44.1	25.8	-	216.5
229.7	-	30.0	14.8	43.9	27.6	11.9	42.1	25.6	-	40.6	23.6	-	39.0	21.8	-	229.7
242.8	-	26.5	12.1	-	24.0	9.3	37.7	22.0	-	36.2	20.1	-	34.6	18.3	-	242.8
249.3	-	24.9	10.9	-	22.5	-	-	20.4	-	34.2	18.5	-	32.6	16.8	-	249.3
255.9	-	-	9.7	-	20.9	-	-	18.7	-	32.2	17.0	-	30.6	15.2	-	255.9
259.2	-	-	9.3	-	20.3	-	-	18.1	-	31.3	16.3	-	29.8	14.4	-	259.2
265.7	-	-	-	-	19.0	-	-	16.8	-	29.5	15.0	-	28.0	13.0	-	265.7
269.0	-	-	-	-	-	-	-	16.1	-	28.7	14.3	-	27.1	12.3	-	269.0
282.2	-	-	-	-	-	-	-	13.7	-	-	11.7	-	23.8	9.9	-	282.2
285.4	-	-	-	-	-	-	-	-	-	-	11.2	-	-	9.3	-	285.4
295.3	-	-	-	-	-	-	-	-	-	-	9.7	-	-	-	-	295.3
298.6	-	-	-	-	-	-	-	-	-	-	9.0	-	-	-	-	298.6

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

216.5 ft

ft	78.7 ft 85°	78.7 ft 75°	78.7 ft 65°	98.4 ft 85°	98.4 ft 75°	98.4 ft 65°	118.1 ft 85°	118.1 ft 75°	118.1 ft 65°	137.8 ft 85°	137.8 ft 75°	137.8 ft 65°	157.5 ft 85°	157.5 ft 75°	157.5 ft 65°	177.2 ft 85°	177.2 ft 75°	177.2 ft 65°
							1,000 lb											
59.1	291.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.6	262.4	-	-	253.5	-	-	231.5	-	-	-	-	-	-	-	-	-	-	-
72.2	240.3	-	-	231.5	-	-	224.9	-	-	-	-	-	-	-	-	-	-	-
78.7	220.5	-	-	213.8	-	-	206.1	-	-	199.5	-	-	-	-	-	-	-	-
85.3	205.0	-	-	197.3	-	-	190.7	-	-	184.1	-	-	177.5	-	-	-	-	-
91.9	187.4	-	-	183.0	-	-	177.5	-	-	170.9	-	-	165.3	-	-	158.7	-	-
98.4	170.9	-	-	169.8	-	-	165.3	-	-	159.8	-	-	154.3	-	-	147.7	-	-
105.0	-	126.8	-	156.5	-	-	153.8	-	-	149.9	-	-	144.4	-	-	138.3	-	-
111.5	-	116.8	-	143.3	-	-	142.2	-	-	140.0	-	-	134.5	-	-	129.0	-	-
118.1	-	109.0	-	-	106.5	-	132.3	-	-	130.6	-	-	126.8	-	-	121.8	-	-
124.7	-	101.2	-	-	99.0	-	122.4	96.8	-	121.3	-	-	119.0	-	-	114.6	-	-
137.8	-	88.2	-	-	86.2	-	107.6	84.2	-	105.8	81.4	-	103.6	-	-	102.1	-	-
144.4	-	-	-	-	81.0	-	-	79.0	-	99.5	76.2	-	97.4	72.8	-	95.8	-	-
150.9	-	-	-	-	75.8	-	-	73.9	-	93.3	71.0	-	91.3	67.7	-	89.5	-	-
157.5	-	-	-	-	71.4	-	-	69.4	-	-	66.7	-	86.2	63.5	-	84.4	60.6	-
164.0	-	-	49.4	-	-	46.3	-	65.0	-	-	62.4	-	81.1	59.3	-	79.4	56.7	-
173.9	-	-	45.0	-	-	42.0	-	59.6	-	-	56.9	-	74.7	53.8	-	72.9	51.2	-
177.2	-	-	-	-	-	40.6	-	57.8	37.9	-	55.1	-	72.5	52.0	-	70.8	49.4	-
190.3	-	-	-	-	-	35.7	-	-	33.1	-	48.9	29.8	-	46.1	-	63.5	43.4	-
196.9	-	-	-	-	-	-	-	-	31.1	-	46.3	27.9	-	43.4	-	-	40.9	-
203.4	-	-	-	-	-	-	-	-	29.1	-	-	26.0	-	40.8	22.5	-	38.4	-
216.5	-	-	-	-	-	-	-	-	-	-	-	22.5	-	36.4	19.2	-	33.7	16.3
229.7	-	-	-	-	-	-	-	-	-	-	-	19.6	-	-	16.3	-	30.0	13.4
232.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.7	-	29.1	12.8
242.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9	-	-	10.8
252.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3

ft	196.9 ft 85°	196.9 ft 75°	196.9 ft 65°	216.5 ft 85°	216.5 ft 75°	216.5 ft 65°	236.2 ft 85°	236.2 ft 75°	236.2 ft 65°	255.9 ft 85°	255.9 ft 75°	255.9 ft 65°	275.6 ft 85°	275.6 ft 75°	275.6 ft 65°	ft
							1,000 lb									
91.9	145.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91.9
98.4	142.2	-	-	127.9	-	-	-	-	-	-	-	-	-	-	-	98.4
111.5	124.6	-	-	120.2	-	-	112.4	-	-	97.0	-	-	-	-	-	111.5
124.7	110.2	-	-	106.5	-	-	102.1	-	-	97.0	-	-	86.0	-	-	124.7
137.8	98.3	-	-	94.6	-	-	90.4	-	-	87.5	-	-	83.3	-	-	137.8
150.9	87.5	-	-	84.4	-	-	80.7	-	-	77.8	-	-	73.9	-	-	150.9
164.0	77.2	53.4	-	76.1	-	-	72.1	-	-	69.4	-	-	65.9	-	-	164.0
170.6	73.0	49.9	-	71.9	48.1	-	68.6	-	-	65.9	-	-	62.4	-	-	170.6
177.2	68.8	46.5	-	67.7	44.5	-	65.0	-	-	62.4	-	-	58.9	-	-	177.2
183.7	65.1	43.4	-	64.0	41.7	-	61.6	38.6	-	59.3	-	-	55.8	-	-	183.7
190.3	61.5	40.3	-	60.4	38.8	-	58.2	35.7	-	56.2	33.7	-	52.7	-	-	190.3
203.4	55.3	35.3	-	54.2	33.5	-	51.8	30.6	-	50.7	29.5	-	47.2	25.8	-	203.4
216.5	49.8	30.9	-	48.5	29.1	-	46.1	26.2	-	45.4	25.4	-	42.3	22.3	-	216.5
229.7	-	27.1	-	43.4	25.4	-	41.0	22.5	-	40.3	21.6	-	38.1	18.7	-	229.7
242.8	-	23.6	-	-	21.8	-	36.6	19.2	-	35.9	18.1	-	33.5	15.4	-	242.8
249.3	-	22.3	-	-	20.3	-	34.7	17.6	-	34.0	16.6	-	31.6	13.8	-	249.3
252.6	-	-	-	-	19.6	-	33.7	16.9	-	33.0	15.9	-	30.7	13.1	-	252.6
255.9	-	-	-	-	19.0	-	-	16.1	-	32.0	15.2	-	29.8	12.3	-	255.9
269.0	-	-	-	-	16.3	-	-	13.4	-	28.4	12.6	-	26.2	9.7	-	269.0
272.3	-	-	-	-	-	-	-	12.9	-	-	12.0	-	25.4	9.3	-	272.3
282.2	-	-	-	-	-	-	-	11.2	-	-	10.1	-	22.9	-	-	282.2
288.7	-	-	-	-	-	-	-	10.1	-	-	9.0	-	-	-	-	288.7

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1

315.0 ft
295.3 ft
275.6 ft
255.9 ft
236.2 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
118.1 ft
315.0 ft
275.6 ft
236.2 ft
196.9 ft
157.5 ft
118.1 ft
315.0 ft
275.6 ft
236.2 ft
196.9 ft
157.5 ft
118.1 ft
78.7 ft
640 624 608 592 576 560 544 528 512 496 480 464 448 432 416 400 384 368 352 336 320 304 288 272 256 240 224 208 192 176 160 144 128 112 96 80 64 48 32 16 0
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 304 320 336 352 368 384 400 416 432 448 464 ft

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

118.1 ft + 78.7 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
49.2	-	661.4	-	-	-	-	-
52.5	427.7	661.4	-	-	-	661.4	-
59.1	379.2	661.4	-	-	-	661.4	-
65.6	328.5	661.4	-	-	-	661.4	-
72.2	288.8	623.9	-	-	-	623.9	-
78.7	255.7	535.7	-	-	-	579.8	-
82.0	242.5	499.3	555.6	-	-	561.1	-
85.3	229.3	463.0	535.7	-	-	542.3	-
91.9	209.4	392.4	502.7	-	-	509.3	-
98.4	-	-	471.8	-	-	478.4	-
111.5	-	-	421.1	385.8	-	416.7	-
124.7	-	-	-	357.1	-	354.9	-
131.2	-	-	-	339.5	-	334.0	-
137.8	-	-	-	-	297.6	313.1	-
150.9	-	-	-	-	280.0	266.8	-
164.0	-	-	-	-	-	233.7	-
177.2	-	-	-	-	-	197.3	-

118.1 ft + 118.1 ft

ft	1,000 lb						
59.1	354.9	566.6	-	-	-	-	-
65.6	319.7	566.6	-	-	-	557.8	-
72.2	284.4	557.8	-	-	-	549.0	-
78.7	251.3	526.9	-	-	-	540.1	-
85.3	227.1	498.2	-	-	-	526.9	-
91.9	206.1	449.7	-	-	-	493.8	-
98.4	187.4	405.7	438.7	-	-	458.6	-
111.5	158.7	328.5	403.4	-	-	407.9	-
124.7	137.8	266.8	363.8	-	-	368.2	-
137.8	-	-	315.3	310.9	-	326.3	-
150.9	-	-	253.5	284.4	-	284.4	-
164.0	-	-	-	262.4	-	251.3	-
170.6	-	-	-	253.5	238.1	235.9	-
177.2	-	-	-	-	227.1	220.5	-
190.3	-	-	-	-	209.4	197.3	-
203.4	-	-	-	-	-	170.9	-
216.5	-	-	-	-	-	145.5	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

118.1 ft + 157.5 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
72.2	271.2	412.3	-	-	-	-	-
78.7	249.1	412.3	-	-	-	410.1	-
85.3	224.9	412.3	-	-	-	407.9	-
91.9	202.8	396.8	-	-	-	403.4	-
98.4	185.2	379.2	-	-	-	399.0	-
111.5	156.5	343.9	-	-	-	361.6	-
118.1	145.5	320.8	337.3	-	-	345.0	-
124.7	134.5	297.6	337.3	-	-	328.5	-
137.8	117.9	253.5	297.6	-	-	304.2	-
150.9	104.3	217.2	264.6	-	-	277.8	-
164.0	93.3	183.0	240.3	246.9	-	253.5	-
177.2	-	-	212.7	229.3	-	227.1	-
190.3	-	-	178.6	213.8	-	207.2	-
196.9	-	-	-	206.1	190.7	196.2	-
203.4	-	-	-	198.4	188.5	185.2	-
210.0	-	-	-	188.5	181.3	174.2	-
216.5	-	-	-	-	174.2	165.3	-
223.1	-	-	-	-	168.7	156.5	-
229.7	-	-	-	-	-	147.7	-
242.8	-	-	-	-	-	129.0	-
255.9	-	-	-	-	-	111.3	-

118.1 ft + 196.9 ft

ft	1,000 lb						
85.3	216.1	295.4	-	-	-	-	-
91.9	199.5	295.4	-	-	-	295.4	-
98.4	181.9	295.4	-	-	-	293.2	-
111.5	153.2	282.2	-	-	-	293.2	-
124.7	131.2	262.4	-	-	-	286.6	-
137.8	113.5	242.5	257.9	-	-	273.4	-
150.9	100.5	220.5	246.9	-	-	255.7	-
164.0	89.1	197.3	224.9	-	-	231.5	-
177.2	79.6	172.0	211.6	-	-	207.2	-
183.7	75.6	160.9	202.8	190.7	-	199.0	-
190.3	71.7	149.9	194.0	190.7	-	190.7	-
203.4	65.0	126.8	170.9	176.4	-	179.7	-
216.5	-	-	148.8	162.0	-	168.7	-
226.4	-	-	132.3	153.8	-	158.7	-
229.7	-	-	-	151.0	151.0	155.4	-
242.8	-	-	-	140.0	144.4	137.8	-
246.1	-	-	-	137.8	142.2	133.9	-
255.9	-	-	-	-	135.6	125.7	-
262.5	-	-	-	-	131.2	118.5	-
269.0	-	-	-	-	-	111.3	-
282.2	-	-	-	-	-	96.8	-
295.3	-	-	-	-	-	85.8	-

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

118.1 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
98.4	174.2	211.6	-	-	-	-	-
108.3	156.8	211.6	-	-	-	209.4	-
111.5	151.0	211.6	-	-	-	209.4	-
124.7	129.0	207.2	-	-	-	207.2	-
137.8	111.3	200.6	-	-	-	205.0	-
150.9	98.1	191.8	-	-	-	200.6	-
157.5	92.4	187.4	191.8	-	-	197.3	-
164.0	86.6	183.0	189.6	-	-	194.0	-
177.2	77.2	174.2	185.2	-	-	183.0	-
190.3	69.0	159.8	178.6	-	-	172.0	-
203.4	62.2	141.1	172.0	-	-	160.9	-
210.0	59.1	133.4	164.8	147.7	-	155.4	-
216.5	56.0	125.7	157.6	146.6	-	149.9	-
229.7	50.9	110.2	141.1	141.1	-	141.1	-
242.8	46.1	94.8	125.7	133.4	-	134.5	-
255.9	-	-	111.3	126.8	126.8	126.8	-
262.5	-	-	103.6	122.9	124.0	122.4	-
269.0	-	-	-	119.0	121.3	117.9	-
282.2	-	-	-	110.2	113.5	108.9	-
295.3	-	-	-	-	106.7	96.6	-
301.8	-	-	-	-	103.4	90.6	-
308.4	-	-	-	-	-	84.7	-
321.5	-	-	-	-	-	76.3	-
334.6	-	-	-	-	-	65.5	-

118.1 ft + 275.6 ft

ft	1,000 lb						
111.5	143.3	152.1	-	-	-	-	-
121.4	130.1	152.1	-	-	-	152.1	-
124.7	125.7	152.1	-	-	-	152.1	-
137.8	110.0	149.9	-	-	-	149.9	-
150.9	95.9	149.9	-	-	-	149.9	-
164.0	84.4	147.7	-	-	-	147.7	-
177.2	75.0	145.5	138.9	-	-	145.5	-
190.3	66.8	143.3	138.9	-	-	141.1	-
203.4	59.7	138.9	136.7	-	-	136.7	-
216.5	53.6	130.1	134.5	-	-	132.3	-
229.7	48.1	116.8	132.3	-	-	125.7	-
236.2	45.5	111.3	131.2	110.2	-	123.5	-
242.8	43.0	105.8	130.1	110.2	-	121.3	-
255.9	38.6	94.4	116.8	110.0	-	114.6	-
269.0	34.8	83.1	105.8	106.7	-	110.2	-
282.2	31.3	71.2	95.7	103.0	-	101.4	-
288.7	-	-	90.2	100.8	97.2	98.1	-
295.3	-	-	84.7	98.5	97.2	94.8	-
301.8	-	-	78.9	96.1	96.7	91.9	-
308.4	-	-	-	93.7	96.1	89.1	-
321.5	-	-	-	84.7	90.6	81.1	-
334.6	-	-	-	-	85.1	73.9	-
341.2	-	-	-	-	82.7	69.0	-
347.8	-	-	-	-	-	65.3	-
360.9	-	-	-	-	-	58.4	-
374.0	-	-	-	-	-	48.7	-

118.1 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
124.7	95.2	98.1	-	-	-	-	-
137.8	93.0	95.0	-	-	-	95.0	-
150.9	90.4	91.9	-	-	-	92.4	-
164.0	82.7	88.6	-	-	-	89.9	-
177.2	73.0	86.0	-	-	-	87.3	-
190.3	64.8	83.6	82.9	-	-	84.4	-
203.4	57.8	81.1	82.0	-	-	82.0	-
216.5	51.4	78.7	79.8	-	-	79.8	-
229.7	45.6	76.3	78.0	-	-	77.6	-
242.8	40.6	74.3	76.5	-	-	75.6	-
255.9	36.2	72.8	74.7	70.8	-	73.4	-
269.0	32.0	71.2	73.2	70.5	-	71.4	-
282.2	28.4	69.7	71.7	69.9	-	69.2	-
295.3	25.1	68.1	70.3	69.2	-	67.2	-
308.4	22.3	62.6	69.2	68.8	-	65.0	-
315.0	20.9	57.9	68.6	68.5	62.8	63.9	-
321.5	19.6	53.1	67.9	68.1	62.8	62.8	-
334.6	-	-	64.4	67.5	62.8	60.4	-
341.2	-	-	59.7	67.1	62.8	59.3	-
347.8	-	-	-	66.8	62.8	58.2	-
360.9	-	-	-	64.8	62.8	56.0	-
374.0	-	-	-	-	62.8	52.2	-
380.6	-	-	-	-	62.8	49.3	-
387.1	-	-	-	-	-	47.8	-
400.3	-	-	-	-	-	41.2	-
413.4	-	-	-	-	-	34.6	-

137.8 ft + 78.7 ft

ft	1,000 lb						
52.5	412.3	661.4	-	-	-	661.4	-
59.1	366.0	661.4	-	-	-	661.4	-
65.6	324.1	659.2	-	-	-	661.4	-
72.2	286.6	632.7	-	-	-	650.4	-
78.7	253.5	562.2	-	-	-	604.1	-
85.3	229.3	485.0	533.5	-	-	557.8	-
91.9	207.2	414.5	533.5	-	-	522.5	-
98.4	-	-	487.2	-	-	493.8	-
111.5	-	-	434.3	-	-	436.5	-
118.1	-	-	412.3	-	-	407.9	-
121.4	-	-	-	372.6	-	393.5	-
124.7	-	-	-	363.8	-	379.2	-
137.8	-	-	-	330.7	-	321.9	-
150.9	-	-	-	-	275.6	288.8	-
164.0	-	-	-	-	260.1	249.1	-
177.2	-	-	-	-	-	220.5	-
190.3	-	-	-	-	-	188.5	-
203.4	-	-	-	-	-	156.5	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

137.8 ft + 118.1 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
65.6	308.6	526.9	-	-	-	524.7	-
72.2	280.0	522.5	-	-	-	524.7	-
78.7	251.3	493.8	-	-	-	515.9	-
85.3	224.9	467.4	-	-	-	509.3	-
91.9	205.0	440.9	-	-	-	489.4	-
98.4	186.3	412.3	-	-	-	463.0	-
105.0	172.5	377.0	418.9	-	-	436.5	-
111.5	158.7	341.7	418.9	-	-	410.1	-
124.7	136.7	277.8	370.4	-	-	372.6	-
137.8	-	-	335.1	-	-	335.1	-
144.4	-	-	308.6	293.2	-	316.4	-
150.9	-	-	282.2	286.6	-	297.6	-
157.5	-	-	251.3	275.6	-	278.9	-
164.0	-	-	-	264.6	-	260.1	-
177.2	-	-	-	246.9	-	235.9	-
183.7	-	-	-	-	220.5	222.1	-
190.3	-	-	-	-	212.7	208.3	-
196.9	-	-	-	-	206.1	195.1	-
203.4	-	-	-	-	-	185.2	-
216.5	-	-	-	-	-	164.2	-
229.7	-	-	-	-	-	141.1	-
239.5	-	-	-	-	-	124.6	-

137.8 ft + 196.9 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
85.3	209.4	282.2	-	-	-	-	-
91.9	194.0	282.2	-	-	-	280.0	-
98.4	179.7	282.2	-	-	-	280.0	-
111.5	151.0	273.4	-	-	-	280.0	-
124.7	130.1	255.7	-	-	-	277.8	-
137.8	112.4	235.9	-	-	-	266.8	-
144.4	105.8	226.0	251.3	-	-	261.2	-
150.9	99.2	216.1	249.1	-	-	255.7	-
164.0	88.0	198.4	231.5	-	-	229.3	-
177.2	78.5	176.4	213.8	-	-	205.0	-
190.3	70.8	153.2	194.0	-	-	191.8	-
196.9	67.4	142.2	186.3	186.3	-	186.8	-
203.4	63.9	131.2	178.6	183.0	-	181.9	-
216.5	-	-	158.7	169.8	-	170.9	-
229.7	-	-	136.7	156.5	-	159.8	-
242.8	-	-	-	146.6	145.5	147.7	-
255.9	-	-	-	135.6	137.8	131.2	-
269.0	-	-	-	-	130.1	119.0	-
275.6	-	-	-	-	125.7	113.8	-
282.2	-	-	-	-	-	107.6	-
295.3	-	-	-	-	-	93.9	-
308.4	-	-	-	-	-	81.6	-

137.8 ft + 157.5 ft

ft	1,000 lb						
78.7	240.3	388.0	-	-	-	388.0	-
85.3	222.7	388.0	-	-	-	385.8	-
91.9	201.7	379.2	-	-	-	385.8	-
98.4	184.1	368.2	-	-	-	385.8	-
111.5	155.4	341.7	-	-	-	368.2	-
124.7	133.4	302.0	324.1	-	-	326.3	-
137.8	116.8	260.1	304.2	-	-	304.2	-
150.9	103.2	222.7	273.4	-	-	280.0	-
164.0	92.2	189.6	242.5	-	-	257.9	-
170.6	-	-	231.5	233.7	-	245.8	-
177.2	-	-	220.5	229.3	-	233.7	-
190.3	-	-	194.0	215.0	-	210.5	-
193.6	-	-	185.2	211.6	-	206.1	-
203.4	-	-	-	201.7	-	192.9	-
210.0	-	-	-	195.7	177.5	184.1	-
216.5	-	-	-	189.6	174.2	175.3	-
229.7	-	-	-	-	164.2	155.4	-
236.2	-	-	-	-	160.9	147.7	-
242.8	-	-	-	-	-	141.1	-
255.9	-	-	-	-	-	124.6	-
269.0	-	-	-	-	-	107.4	-

137.8 ft + 236.2 ft

ft	1,000 lb						
98.4	169.8	200.6	-	-	-	-	-
111.5	147.7	200.6	-	-	-	200.6	-
124.7	127.9	198.4	-	-	-	198.4	-
137.8	111.3	191.8	-	-	-	198.4	-
150.9	97.7	185.2	-	-	-	194.0	-
164.0	86.2	178.6	183.0	-	-	191.8	-
177.2	76.7	169.8	180.8	-	-	183.0	-
190.3	68.8	160.9	178.6	-	-	172.0	-
203.4	61.7	145.5	172.0	-	-	163.1	-
216.5	55.8	127.9	160.9	142.2	-	152.1	-
229.7	50.5	113.5	147.7	141.1	-	141.1	-
242.8	45.6	98.8	132.3	135.6	-	136.7	-
255.9	-	-	117.9	129.0	-	130.1	-
269.0	-	-	103.6	122.4	121.3	122.4	-
282.2	-	-	-	115.7	117.9	113.5	-
295.3	-	-	-	106.0	110.2	104.1	-
308.4	-	-	-	-	104.3	93.7	-
315.0	-	-	-	-	101.2	88.2	-
321.5	-	-	-	-	-	82.7	-
334.6	-	-	-	-	-	72.1	-
347.8	-	-	-	-	-	63.9	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

137.8 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
111.5	138.9	145.5	-	-	-	-	-
124.7	122.4	145.5	-	-	-	145.5	-
137.8	108.7	143.3	-	-	-	145.5	-
150.9	95.0	143.3	-	-	-	143.3	-
164.0	83.6	141.1	-	-	-	143.3	-
177.2	74.1	138.9	132.3	-	-	141.1	-
190.3	65.9	136.7	132.3	-	-	138.9	-
203.4	58.9	134.5	132.3	-	-	134.5	-
216.5	52.7	132.3	132.3	-	-	130.1	-
229.7	47.2	119.0	130.1	-	-	125.7	-
242.8	42.1	108.0	127.9	106.7	-	121.3	-
255.9	37.9	96.8	123.5	106.7	-	116.8	-
269.0	34.0	85.5	110.2	105.8	-	108.0	-
282.2	30.6	74.1	99.2	103.0	-	100.1	-
295.3	-	-	89.7	100.3	93.7	95.0	-
308.4	-	-	78.5	95.7	93.7	89.9	-
321.5	-	-	-	91.5	93.0	84.7	-
328.1	-	-	-	86.9	90.5	80.8	-
334.6	-	-	-	-	88.0	77.2	-
347.8	-	-	-	-	82.9	71.2	-
351.1	-	-	-	-	81.8	69.0	-
360.9	-	-	-	-	-	62.4	-
374.0	-	-	-	-	-	55.3	-
387.1	-	-	-	-	-	47.8	-

137.8 ft + 315.0 ft

ft	1,000 lb						
124.7	92.4	95.0	-	-	-	-	-
137.8	91.1	92.8	-	-	-	92.8	-
150.9	88.4	89.9	-	-	-	90.4	-
164.0	80.5	87.1	-	-	-	88.2	-
177.2	72.1	84.4	-	-	-	85.8	-
190.3	63.9	82.0	-	-	-	83.3	-
196.9	60.4	80.8	80.5	-	-	82.1	-
203.4	56.9	79.6	80.5	-	-	80.9	-
216.5	50.5	77.4	78.9	-	-	78.9	-
229.7	44.8	75.0	77.2	-	-	76.9	-
242.8	39.7	73.0	75.6	-	-	74.7	-
255.9	35.3	71.7	74.1	-	-	72.8	-
269.0	31.3	70.1	72.8	68.8	-	70.8	-
282.2	27.8	68.8	71.2	68.6	-	69.0	-
295.3	24.5	67.5	70.1	68.1	-	67.0	-
308.4	21.6	64.8	68.8	67.7	-	64.8	-
321.5	19.0	55.6	67.7	67.2	-	62.4	-
328.1	-	-	67.1	67.0	60.8	61.2	-
334.6	-	-	66.6	66.8	60.8	60.0	-
347.8	-	-	59.7	66.4	60.8	57.5	-
360.9	-	-	-	65.9	60.8	55.3	-
367.5	-	-	-	65.5	60.8	54.1	-
374.0	-	-	-	-	60.8	52.9	-
387.1	-	-	-	-	60.8	50.5	-
400.3	-	-	-	-	-	44.8	-
413.4	-	-	-	-	-	38.6	-
426.5	-	-	-	-	-	34.2	-

157.5 ft + 78.7 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
52.5	396.8	654.8	-	-	-	657.0	-
59.1	352.7	654.8	-	-	-	657.0	-
65.6	317.5	646.0	-	-	-	654.8	-
72.2	282.2	617.3	-	-	-	652.6	-
78.7	251.3	573.2	-	-	-	621.7	-
85.3	227.1	493.8	-	-	-	577.6	-
91.9	206.1	423.3	509.3	-	-	531.3	-
95.1	196.2	388.0	509.3	-	-	515.9	-
98.4	-	-	509.3	-	-	500.4	-
111.5	-	-	440.9	-	-	434.3	-
124.7	-	-	385.8	-	-	377.0	-
131.2	-	-	-	348.3	-	354.9	-
137.8	-	-	-	332.9	-	332.9	-
150.9	-	-	-	304.2	-	293.2	-
164.0	-	-	-	-	-	262.4	-
177.2	-	-	-	-	-	227.1	-
190.3	-	-	-	-	-	198.4	-
203.4	-	-	-	-	-	176.4	-
216.5	-	-	-	-	-	149.9	-

157.5 ft + 118.1 ft

ft	1,000 lb						
65.6	297.6	491.6	-	-	-	-	-
68.9	284.4	487.2	-	-	-	487.2	-
72.2	271.2	482.8	-	-	-	487.2	-
78.7	249.1	467.4	-	-	-	482.8	-
85.3	222.7	447.5	-	-	-	480.6	-
91.9	202.8	427.7	-	-	-	476.2	-
98.4	185.2	407.9	-	-	-	454.2	-
111.5	156.5	343.9	403.4	-	-	414.5	-
124.7	135.6	280.0	374.8	-	-	379.2	-
137.8	-	-	343.9	-	-	337.3	-
150.9	-	-	299.8	-	-	299.8	-
157.5	-	-	269.0	277.8	-	284.4	-
160.8	-	-	253.5	272.3	-	276.7	-
164.0	-	-	-	266.8	-	269.0	-
177.2	-	-	-	249.1	-	238.1	-
183.7	-	-	-	238.1	-	227.6	-
190.3	-	-	-	-	209.4	217.2	-
203.4	-	-	-	-	198.4	191.8	-
210.0	-	-	-	-	192.9	180.2	-
216.5	-	-	-	-	-	168.7	-
229.7	-	-	-	-	-	152.1	-
242.8	-	-	-	-	-	133.4	-
255.9	-	-	-	-	-	113.5	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

157.5 ft + 157.5 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
78.7	233.7	357.1	-	-	-	-	-
85.3	216.1	357.1	-	-	-	357.1	-
91.9	199.5	352.7	-	-	-	357.1	-
98.4	181.9	346.1	-	-	-	357.1	-
111.5	153.2	328.5	-	-	-	352.7	-
124.7	132.3	299.8	-	-	-	328.5	-
131.2	123.5	281.1	308.6	-	-	315.3	-
137.8	114.6	262.4	308.6	-	-	302.0	-
150.9	101.9	222.7	282.2	-	-	282.2	-
164.0	90.8	188.5	253.5	-	-	260.1	-
177.2	-	-	231.5	227.1	-	238.1	-
190.3	-	-	202.8	216.1	-	217.2	-
196.9	-	-	185.2	209.4	-	206.7	-
203.4	-	-	-	202.8	-	196.2	-
216.5	-	-	-	191.8	-	180.8	-
223.1	-	-	-	185.2	166.4	171.4	-
229.7	-	-	-	-	164.2	162.0	-
242.8	-	-	-	-	155.4	144.4	-
249.3	-	-	-	-	151.0	136.1	-
255.9	-	-	-	-	-	130.1	-
269.0	-	-	-	-	-	116.8	-
282.2	-	-	-	-	-	101.6	-
295.3	-	-	-	-	-	87.3	-

157.5 ft + 196.9 ft

ft	1,000 lb						
91.9	187.4	264.6	-	-	-	-	-
98.4	174.2	264.6	-	-	-	264.6	-
111.5	151.0	257.9	-	-	-	264.6	-
124.7	129.0	246.9	-	-	-	264.6	-
137.8	112.4	233.7	-	-	-	257.9	-
150.9	99.2	216.1	242.5	-	-	251.3	-
164.0	88.0	200.6	231.5	-	-	235.9	-
177.2	78.5	177.5	209.4	-	-	216.1	-
190.3	70.5	154.3	191.8	-	-	198.4	-
203.4	63.9	132.3	178.6	179.7	-	183.0	-
216.5	-	-	165.3	172.0	-	167.6	-
229.7	-	-	143.3	160.9	-	156.5	-
236.2	-	-	132.3	155.4	-	151.6	-
242.8	-	-	-	149.9	-	146.6	-
249.3	-	-	-	145.0	133.4	141.6	-
255.9	-	-	-	140.0	133.4	136.7	-
262.5	-	-	-	134.5	130.1	130.8	-
269.0	-	-	-	-	126.8	124.6	-
282.2	-	-	-	-	120.2	110.2	-
288.7	-	-	-	-	117.9	105.3	-
295.3	-	-	-	-	-	100.5	-
308.4	-	-	-	-	-	89.5	-
321.5	-	-	-	-	-	77.2	-
334.6	-	-	-	-	-	65.9	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

157.5 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
105.0	-	191.8	-	-	-	-	-
108.3	147.7	191.8	-	-	-	-	-
111.5	143.3	191.8	-	-	-	191.8	-
124.7	125.7	189.6	-	-	-	189.6	-
137.8	110.2	183.0	-	-	-	189.6	-
150.9	96.6	176.4	-	-	-	187.4	-
164.0	85.3	169.8	174.2	-	-	183.0	-
177.2	75.8	163.1	174.2	-	-	178.6	-
190.3	67.7	156.5	172.0	-	-	169.8	-
203.4	60.8	143.3	169.8	-	-	160.9	-
216.5	54.9	127.9	158.7	-	-	149.9	-
229.7	49.6	112.4	149.9	136.7	-	140.0	-
242.8	44.8	97.4	136.7	135.6	-	134.5	-
255.9	-	-	121.3	130.1	-	130.1	-
269.0	-	-	106.7	124.6	-	123.5	-
275.6	-	-	98.8	121.3	-	119.6	-
282.2	-	-	-	117.9	114.6	115.7	-
295.3	-	-	-	112.4	110.2	105.8	-
301.8	-	-	-	105.6	107.1	100.2	-
308.4	-	-	-	-	104.1	95.9	-
321.5	-	-	-	-	98.1	87.5	-
324.8	-	-	-	-	96.6	85.0	-
334.6	-	-	-	-	-	77.4	-
347.8	-	-	-	-	-	67.5	-
360.9	-	-	-	-	-	59.1	-
370.7	-	-	-	-	-	53.6	-

157.5 ft + 275.6 ft

ft	1,000 lb						
111.5	134.5	141.1	-	-	-	-	-
124.7	117.9	141.1	-	-	-	141.1	-
137.8	105.2	138.9	-	-	-	138.9	-
150.9	93.7	136.7	-	-	-	138.9	-
164.0	82.5	134.5	-	-	-	138.9	-
177.2	73.0	132.3	-	-	-	136.7	-
183.7	69.0	132.3	127.9	-	-	135.6	-
190.3	65.0	132.3	127.9	-	-	134.5	-
203.4	58.2	130.1	127.9	-	-	130.1	-
216.5	51.8	127.9	127.9	-	-	125.7	-
229.7	46.1	119.0	127.9	-	-	121.3	-
242.8	41.2	105.8	127.9	-	-	116.8	-
249.3	39.1	100.8	126.8	102.1	-	113.5	-
255.9	37.0	95.7	125.7	102.1	-	110.2	-
269.0	33.1	84.2	112.4	102.1	-	105.8	-
282.2	29.8	72.8	101.4	101.2	-	97.9	-
295.3	-	-	91.7	99.4	-	94.1	-
308.4	-	-	80.5	96.8	89.1	89.3	-
315.0	-	-	74.5	94.7	89.1	86.8	-
321.5	-	-	-	92.6	89.1	84.2	-
334.6	-	-	-	86.2	87.7	79.4	-
341.2	-	-	-	80.5	85.2	75.6	-
347.8	-	-	-	-	82.7	71.9	-
360.9	-	-	-	-	77.8	66.4	-
374.0	-	-	-	-	-	58.2	-
387.1	-	-	-	-	-	49.8	-
400.3	-	-	-	-	-	44.5	-

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

157.5 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
124.7	89.5	91.5	-	-	-	-	-
137.8	88.4	89.9	-	-	-	89.5	-
150.9	85.8	87.1	-	-	-	87.7	-
164.0	77.6	84.7	-	-	-	85.5	-
177.2	69.4	82.2	-	-	-	83.3	-
190.3	62.4	80.0	-	-	-	81.4	-
203.4	56.0	77.8	77.6	-	-	79.1	-
216.5	49.6	75.6	76.9	-	-	77.2	-
229.7	43.9	73.4	75.6	-	-	75.2	-
242.8	38.8	71.7	74.1	-	-	73.4	-
255.9	34.4	70.3	72.8	-	-	71.4	-
269.0	30.6	69.0	71.4	-	-	69.7	-
275.6	28.9	68.3	70.8	66.1	-	68.6	-
282.2	27.1	67.7	70.1	66.1	-	67.7	-
295.3	23.8	66.4	69.0	66.1	-	65.9	-
308.4	20.9	63.5	68.1	65.9	-	63.9	-
321.5	18.3	54.2	67.0	65.7	-	61.7	-
334.6	-	-	66.1	65.7	-	59.3	-
341.2	-	-	63.6	65.5	58.4	58.1	-
347.8	-	-	61.1	65.3	58.4	56.9	-
351.1	-	-	58.9	65.2	58.4	56.2	-
360.9	-	-	-	65.0	58.4	54.2	-
374.0	-	-	-	64.8	58.4	51.8	-
387.1	-	-	-	-	58.4	49.4	-
400.3	-	-	-	-	58.4	46.7	-
413.4	-	-	-	-	-	41.2	-
426.5	-	-	-	-	-	35.7	-
439.6	-	-	-	-	-	31.1	-

177.2 ft + 78.7 ft

ft	1,000 lb						
52.5	381.4	612.9	-	-	-	-	657.0
59.1	339.5	612.9	-	-	-	612.9	654.8
65.6	306.4	584.2	-	-	-	608.5	628.3
72.2	280.0	557.8	-	-	-	601.9	599.7
78.7	249.1	531.3	-	-	-	593.0	571.0
85.3	224.9	493.8	-	-	-	555.6	515.9
91.9	203.9	443.1	-	-	-	520.3	443.1
98.4	186.3	370.4	480.6	-	-	482.8	370.4
111.5	-	-	432.1	-	-	432.1	-
124.7	-	-	388.0	-	-	374.8	-
128.0	-	-	377.0	-	-	363.8	-
137.8	-	-	-	317.5	-	330.7	-
150.9	-	-	-	297.6	-	293.2	-
157.5	-	-	-	284.4	-	277.8	-
164.0	-	-	-	-	-	262.4	-
177.2	-	-	-	-	-	233.7	-
190.3	-	-	-	-	-	206.1	-
203.4	-	-	-	-	-	180.8	-
216.5	-	-	-	-	-	160.9	-
229.7	-	-	-	-	-	140.0	-

177.2 ft + 118.1 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
65.6	288.8	440.9	-	-	-	-	476.2
72.2	262.4	440.9	-	-	-	438.7	469.6
78.7	240.3	425.5	-	-	-	436.5	458.6
85.3	222.7	412.3	-	-	-	436.5	443.1
91.9	201.7	399.0	-	-	-	436.5	427.7
98.4	184.1	385.8	-	-	-	427.7	412.3
111.5	155.4	357.1	-	-	-	401.2	357.1
118.1	145.0	323.0	388.0	-	-	386.9	323.0
124.7	134.5	288.8	370.4	-	-	372.6	288.8
137.8	117.9	224.9	341.7	-	-	337.3	224.9
150.9	-	-	310.9	-	-	299.8	-
164.0	-	-	264.6	262.4	-	266.8	-
177.2	-	-	-	244.7	-	240.3	-
190.3	-	-	-	224.9	-	217.2	-
196.9	-	-	-	217.2	-	207.2	-
203.4	-	-	-	-	190.7	197.3	-
216.5	-	-	-	-	183.0	176.4	-
223.1	-	-	-	-	177.5	165.9	-
229.7	-	-	-	-	-	155.4	-
242.8	-	-	-	-	-	137.8	-
255.9	-	-	-	-	-	124.6	-
269.0	-	-	-	-	-	107.6	-

177.2 ft + 157.5ft

ft	1,000 lb						
78.7	224.9	328.5	-	-	-	-	348.3
85.3	208.3	328.5	-	-	-	328.5	346.1
91.9	194.0	326.3	-	-	-	328.5	339.5
98.4	180.8	319.7	-	-	-	328.5	328.5
111.5	153.2	302.0	-	-	-	328.5	304.2
124.7	131.2	284.4	-	-	-	313.1	282.2
137.8	114.6	264.6	295.4	-	-	295.4	257.9
150.9	101.6	231.5	280.0	-	-	275.6	229.3
164.0	90.6	195.1	255.7	-	-	255.7	194.0
173.9	-	-	237.5	-	-	240.9	166.4
177.2	-	-	231.5	-	-	235.9	-
183.7	-	-	223.8	210.5	-	226.0	-
190.3	-	-	216.1	210.5	-	216.1	-
203.4	-	-	184.1	198.4	-	196.2	-
216.5	-	-	-	186.3	-	176.4	-
229.7	-	-	-	176.4	-	165.3	-
232.9	-	-	-	173.1	-	161.5	-
236.2	-	-	-	-	154.3	157.6	-
242.8	-	-	-	-	151.0	149.9	-
255.9	-	-	-	-	143.3	133.4	-
262.5	-	-	-	-	140.0	126.2	-
269.0	-	-	-	-	-	119.0	-
282.2	-	-	-	-	-	108.7	-
295.3	-	-	-	-	-	95.5	-
308.4	-	-	-	-	-	81.6	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

177.2 ft + 196.9 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
88.6	-	-	-	-	-	-	255.7
91.9	180.8	255.7	-	-	-	-	255.7
98.4	168.7	255.7	-	-	-	249.1	253.5
111.5	147.7	253.5	-	-	-	249.1	242.5
124.7	127.9	244.7	-	-	-	249.1	227.1
137.8	111.3	233.7	-	-	-	244.7	211.6
150.9	98.1	218.3	227.1	-	-	240.3	195.1
164.0	86.9	200.6	224.9	-	-	231.5	179.7
177.2	77.6	180.8	213.8	-	-	213.8	167.6
190.3	69.7	157.6	200.6	-	-	196.2	155.4
203.4	62.8	135.6	189.6	-	-	180.8	135.6
210.0	-	-	181.9	172.0	-	174.2	123.8
213.3	-	-	178.0	172.0	-	170.9	117.9
216.5	-	-	174.2	172.0	-	167.6	-
229.7	-	-	152.1	163.1	-	156.5	-
242.8	-	-	130.1	154.3	-	146.6	-
255.9	-	-	-	145.5	-	137.8	-
262.5	-	-	-	140.5	125.7	132.6	-
269.0	-	-	-	135.6	125.7	126.8	-
282.2	-	-	-	-	119.0	113.5	-
295.3	-	-	-	-	113.5	101.9	-
308.4	-	-	-	-	-	92.4	-
321.5	-	-	-	-	-	82.5	-
334.6	-	-	-	-	-	71.4	-
347.8	-	-	-	-	-	61.3	-

177.2 ft + 236.2 ft

ft	1,000 lb						
101.7	-	-	-	-	-	-	186.3
105.0	-	178.6	-	-	-	-	185.2
108.3	143.3	178.6	-	-	-	-	184.1
111.5	137.8	178.6	-	-	-	178.6	183.0
124.7	122.4	176.4	-	-	-	178.6	176.4
137.8	108.7	174.2	-	-	-	178.6	169.8
150.9	95.2	169.8	-	-	-	176.4	163.1
164.0	84.2	163.1	-	-	-	174.2	155.4
170.6	79.5	159.8	165.3	-	-	173.1	151.6
177.2	74.7	156.5	165.3	-	-	172.0	147.7
190.3	66.8	149.9	165.3	-	-	165.3	141.1
203.4	60.0	143.3	163.1	-	-	156.5	133.4
216.5	54.0	130.1	156.5	-	-	147.7	125.7
229.7	48.5	115.7	147.7	-	-	138.9	115.7
236.2	46.2	108.0	145.5	130.1	-	135.6	108.0
242.8	43.9	100.3	143.3	130.1	-	132.3	100.3
249.3	-	-	135.6	130.1	-	130.1	91.9
255.9	-	-	127.9	130.1	-	127.9	-
269.0	-	-	112.4	124.6	-	124.6	-
282.2	-	-	97.2	120.2	-	117.9	-
288.7	-	-	-	117.6	107.6	112.8	-
295.3	-	-	-	114.6	106.9	107.6	-
308.4	-	-	-	108.2	102.1	96.8	-
321.5	-	-	-	-	95.9	86.6	-
334.6	-	-	-	-	90.4	78.3	-
347.8	-	-	-	-	-	70.8	-
360.9	-	-	-	-	-	61.7	-
374.0	-	-	-	-	-	52.7	-
387.1	-	-	-	-	-	45.9	-

177.2 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
114.8	-	-	-	-	-	-	135.6
118.1	-	132.3	-	-	-	-	135.2
121.4	117.9	132.3	-	-	-	-	134.8
124.7	113.5	132.3	-	-	-	132.3	134.5
137.8	101.4	132.3	-	-	-	132.3	131.2
150.9	90.4	130.1	-	-	-	132.3	129.0
164.0	81.1	127.9	-	-	-	130.1	125.7
177.2	72.8	125.7	-	-	-	130.1	122.4
190.3	64.8	123.5	121.3	-	-	127.9	119.0
203.4	58.0	121.3	121.3	-	-	125.7	115.7
216.5	51.6	116.8	121.3	-	-	121.3	112.4
229.7	46.1	114.6	121.3	-	-	119.0	108.2
242.8	41.2	108.0	119.0	-	-	114.6	103.2
255.9	36.8	97.0	116.8	-	-	110.2	98.1
262.5	34.8	92.2	115.7	97.7	-	105.8	92.7
269.0	32.8	87.3	114.6	97.7	-	101.4	87.3
282.2	29.5	75.6	105.8	97.7	-	96.1	75.6
288.7	-	-	100.3	97.2	-	94.8	69.4
295.3	-	-	94.8	96.8	-	93.5	-
308.4	-	-	86.2	95.7	-	89.5	-
315.0	-	-	80.5	94.4	-	87.0	-
321.5	-	-	-	93.0	85.1	84.4	-
334.6	-	-	-	89.3	85.1	79.6	-
347.8	-	-	-	83.1	81.6	74.5	-
360.9	-	-	-	-	76.9	66.8	-
374.0	-	-	-	-	72.3	61.1	-
387.1	-	-	-	-	-	53.4	-
400.3	-	-	-	-	-	45.6	-
413.4	-	-	-	-	-	37.9	-
426.5	-	-	-	-	-	33.3	-

0 lb	110,250 lb	220,500 lb	330,750 lb
441,000 lb	551,250 lb	661,500 lb	

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

177.2 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
124.7	85.8	88.0	-	-	-	-	93.9
137.8	85.8	86.6	-	-	-	86.0	92.6
150.9	82.9	84.4	-	-	-	84.7	89.9
164.0	74.7	82.0	-	-	-	82.9	87.3
177.2	66.8	79.6	-	-	-	81.1	84.9
190.3	60.0	77.6	-	-	-	79.1	82.7
203.4	53.8	75.6	-	-	-	76.9	80.5
210.0	51.1	74.6	75.0	-	-	75.9	79.4
216.5	48.5	73.6	75.0	-	-	75.0	78.3
229.7	43.0	71.7	73.6	-	-	73.2	76.1
242.8	37.9	69.7	72.5	-	-	71.4	74.1
255.9	33.7	68.6	71.2	-	-	69.7	72.3
269.0	29.8	67.2	70.1	-	-	67.9	70.8
282.2	26.2	66.1	69.0	63.7	-	66.1	69.2
295.3	23.1	64.8	67.9	63.7	-	64.6	67.7
308.4	20.3	63.7	67.0	63.7	-	62.8	65.3
321.5	17.6	56.2	66.1	63.7	-	61.1	56.2
324.8	-	-	66.1	63.7	-	60.5	53.8
334.6	-	-	66.1	63.7	-	58.9	-
347.8	-	-	64.6	63.7	56.0	56.0	-
354.3	-	-	60.6	63.7	56.0	54.7	-
360.9	-	-	-	63.7	56.0	53.4	-
374.0	-	-	-	63.7	55.8	50.7	-
387.1	-	-	-	63.3	55.8	48.3	-
400.3	-	-	-	-	55.8	45.6	-
413.4	-	-	-	-	53.6	41.9	-
426.5	-	-	-	-	-	37.5	-
439.6	-	-	-	-	-	31.5	-
452.8	-	-	-	-	-	26.0	-
465.9	-	-	-	-	-	20.7	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

196.9 ft + 78.7 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
55.8	-	555.6	-	-	-	-	599.7
59.1	328.5	544.5	-	-	-	549.0	588.6
65.6	295.4	524.7	-	-	-	544.5	566.6
72.2	271.2	502.7	-	-	-	542.3	540.1
78.7	249.1	480.6	-	-	-	540.1	515.9
85.3	222.7	454.2	-	-	-	524.7	487.2
91.9	202.8	425.5	-	-	-	498.2	451.9
98.4	185.2	394.6	-	-	-	471.8	394.6
105.0	-	-	443.1	-	-	448.6	-
111.5	-	-	423.3	-	-	425.5	-
124.7	-	-	383.6	-	-	374.8	-
131.2	-	-	361.6	-	-	351.6	-
137.8	-	-	-	-	-	328.5	-
144.4	-	-	-	297.6	-	309.7	-
150.9	-	-	-	293.2	-	291.0	-
164.0	-	-	-	266.8	-	260.1	-
177.2	-	-	-	-	-	233.7	-
183.7	-	-	-	-	217.2	222.1	-
190.3	-	-	-	-	212.7	210.5	-
196.9	-	-	-	-	205.0	198.4	-
203.4	-	-	-	-	-	186.3	-
216.5	-	-	-	-	-	163.1	-
229.7	-	-	-	-	-	143.3	-
242.8	-	-	-	-	-	127.9	-
252.6	-	-	-	-	-	113.5	-

196.9 ft + 118.1 ft

ft	1,000 lb						
65.6	277.8	399.0	-	-	-	-	432.1
72.2	253.5	399.0	-	-	-	394.6	425.5
78.7	233.7	388.0	-	-	-	392.4	414.5
85.3	216.1	377.0	-	-	-	392.4	403.4
91.9	200.6	363.8	-	-	-	392.4	390.2
98.4	183.0	352.7	-	-	-	392.4	377.0
111.5	155.4	328.5	-	-	-	374.8	350.5
124.7	133.4	299.8	359.4	-	-	359.4	299.8
137.8	116.8	235.9	330.7	-	-	332.9	235.9
150.9	-	-	306.4	-	-	297.6	-
164.0	-	-	280.0	-	-	264.6	-
170.6	-	-	260.1	242.5	-	251.3	-
177.2	-	-	-	238.1	-	238.1	-
190.3	-	-	-	220.5	-	215.0	-
203.4	-	-	-	203.9	-	195.1	-
216.5	-	-	-	-	177.5	177.5	-
229.7	-	-	-	-	166.4	159.8	-
232.9	-	-	-	-	163.1	155.4	-
242.8	-	-	-	-	-	142.2	-
255.9	-	-	-	-	-	125.7	-
269.0	-	-	-	-	-	113.5	-
282.2	-	-	-	-	-	99.0	-

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

196.9 ft + 157.5 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
78.7	218.3	297.6	-	-	-	-	319.7
85.3	201.7	297.6	-	-	-	297.6	317.5
91.9	187.4	297.6	-	-	-	297.6	310.9
98.4	174.2	291.0	-	-	-	297.6	304.2
111.5	151.0	277.8	-	-	-	297.6	288.8
124.7	130.1	262.4	-	-	-	291.0	271.2
137.8	113.5	249.1	275.6	-	-	280.0	253.5
150.9	100.3	235.9	273.4	-	-	269.0	231.5
164.0	89.3	200.6	255.7	-	-	249.1	200.6
177.2	80.2	164.2	238.1	-	-	233.7	164.2
190.3	-	-	217.2	-	-	216.1	-
196.9	-	-	207.2	199.5	-	206.1	-
203.4	-	-	197.3	195.1	-	196.2	-
210.0	-	-	179.7	189.6	-	187.4	-
216.5	-	-	-	184.1	-	178.6	-
229.7	-	-	-	172.0	-	163.1	-
242.8	-	-	-	160.9	144.4	149.9	-
255.9	-	-	-	-	140.0	134.5	-
269.0	-	-	-	-	131.2	120.2	-
282.2	-	-	-	-	-	107.4	-
295.3	-	-	-	-	-	96.6	-
308.4	-	-	-	-	-	86.2	-
321.5	-	-	-	-	-	74.1	-

196.9 ft + 196.9 ft

ft	1,000 lb						
91.9	175.3	224.9	-	-	-	-	240.3
98.4	163.1	224.9	-	-	-	224.9	238.1
111.5	142.2	222.7	-	-	-	224.9	229.3
124.7	125.7	216.1	-	-	-	224.9	219.4
137.8	110.2	209.4	-	-	-	222.7	205.0
150.9	96.8	200.6	-	-	-	220.5	190.7
157.5	91.2	195.1	211.6	-	-	220.5	183.5
164.0	85.5	189.6	211.6	-	-	220.5	176.4
177.2	76.3	180.8	207.2	-	-	205.0	165.3
190.3	68.6	160.9	198.4	-	-	191.8	154.3
203.4	61.9	138.9	187.4	-	-	178.6	138.9
213.3	-	-	179.1	-	-	167.8	121.3
216.5	-	-	176.4	163.1	-	164.2	-
229.7	-	-	160.9	160.9	-	154.3	-
242.8	-	-	138.9	153.2	-	145.5	-
249.3	-	-	127.9	149.4	-	141.1	-
255.9	-	-	-	145.5	-	136.7	-
269.0	-	-	-	136.7	-	124.6	-
275.6	-	-	-	132.8	117.9	119.0	-
282.2	-	-	-	129.0	115.7	113.5	-
295.3	-	-	-	-	110.0	102.3	-
308.4	-	-	-	-	103.6	91.3	-
321.5	-	-	-	-	-	81.1	-
334.6	-	-	-	-	-	73.6	-
347.8	-	-	-	-	-	63.7	-
360.9	-	-	-	-	-	53.8	-

196.9 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
105.0	-	-	-	-	-	-	174.2
108.3	-	169.8	-	-	-	-	173.6
111.5	133.4	169.8	-	-	-	169.8	173.1
124.7	117.9	167.6	-	-	-	169.8	167.6
137.8	104.9	163.1	-	-	-	169.8	162.0
150.9	93.9	158.7	-	-	-	167.6	156.5
164.0	83.8	154.3	-	-	-	165.3	149.9
177.2	74.3	149.9	156.5	-	-	163.1	143.3
190.3	66.4	145.5	156.5	-	-	158.7	136.7
203.4	59.7	138.9	156.5	-	-	152.1	130.1
216.5	53.6	132.3	152.1	-	-	143.3	123.5
229.7	48.3	116.8	143.3	-	-	136.7	116.8
242.8	43.4	103.6	138.9	124.6	-	127.9	102.7
252.6	-	-	133.9	123.7	-	123.5	90.4
255.9	-	-	132.3	123.5	-	122.4	-
269.0	-	-	116.8	122.4	-	119.0	-
282.2	-	-	104.9	119.0	-	114.6	-
295.3	-	-	-	114.6	-	106.7	-
301.8	-	-	-	112.4	98.3	102.0	-
308.4	-	-	-	110.2	98.3	97.2	-
315.0	-	-	-	107.8	95.7	92.4	-
321.5	-	-	-	-	93.0	87.5	-
334.6	-	-	-	-	87.5	78.0	-
347.8	-	-	-	-	82.5	69.2	-
360.9	-	-	-	-	-	62.8	-
374.0	-	-	-	-	-	55.1	-
387.1	-	-	-	-	-	47.0	-
400.3	-	-	-	-	-	38.4	-

0 lb	110,250 lb	220,500 lb	330,750 lb
441,000 lb	551,250 lb	661,500 lb	

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

196.9 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
114.8	-	-	-	-	-	-	127.9
121.4	-	125.7	-	-	-	-	127.1
124.7	110.2	125.7	-	-	-	125.7	126.8
137.8	97.7	125.7	-	-	-	125.7	124.6
150.9	87.1	123.5	-	-	-	125.7	122.4
164.0	78.0	121.3	-	-	-	125.7	120.2
177.2	70.1	119.0	-	-	-	123.5	116.8
190.3	63.3	116.8	-	-	-	121.3	114.6
196.9	60.0	115.7	114.6	-	-	121.3	113.0
203.4	56.7	114.6	114.6	-	-	121.3	111.3
216.5	50.5	112.4	114.6	-	-	116.8	108.9
229.7	45.0	108.0	114.6	-	-	112.4	104.5
242.8	40.1	105.8	114.6	-	-	110.2	100.1
255.9	35.9	97.0	114.6	-	-	105.8	95.7
269.0	32.0	87.3	112.4	91.9	-	101.4	89.1
282.2	28.7	77.6	108.0	91.9	-	97.0	77.6
288.7	-	-	103.6	91.9	-	94.8	71.7
295.3	-	-	99.2	91.9	-	92.6	-
308.4	-	-	89.3	91.9	-	88.2	-
321.5	-	-	79.6	91.9	-	83.8	-
334.6	-	-	-	89.3	78.3	78.7	-
347.8	-	-	-	86.4	77.8	73.9	-
354.3	-	-	-	85.1	75.5	70.0	-
360.9	-	-	-	-	73.2	66.1	-
374.0	-	-	-	-	69.0	58.4	-
387.1	-	-	-	-	64.8	52.5	-
400.3	-	-	-	-	-	46.5	-
413.4	-	-	-	-	-	39.5	-
426.5	-	-	-	-	-	32.4	-
439.6	-	-	-	-	-	26.2	-

196.9 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
128.0	-	-	-	-	-	-	89.5
134.5	-	83.8	-	-	-	-	89.1
137.8	81.8	83.1	-	-	-	81.8	88.8
150.9	79.6	80.9	-	-	-	81.1	86.4
164.0	71.4	78.7	-	-	-	79.6	84.0
177.2	63.9	76.7	-	-	-	78.0	81.8
190.3	57.3	74.7	-	-	-	76.5	79.8
203.4	51.4	73.0	-	-	-	74.5	77.8
216.5	46.1	71.2	71.9	-	-	72.8	75.8
229.7	41.4	69.2	71.0	-	-	71.2	73.9
242.8	37.0	67.5	70.1	-	-	69.7	71.9
255.9	32.6	66.6	69.2	-	-	67.9	70.5
269.0	28.9	65.5	68.1	-	-	66.4	69.0
282.2	25.4	64.4	67.2	-	-	64.8	67.7
295.3	22.3	63.3	66.4	61.1	-	63.3	66.4
308.4	19.4	62.4	65.5	61.1	-	61.5	64.8
321.5	17.0	57.8	64.8	61.1	-	60.0	57.8
328.1	-	-	64.5	61.1	-	59.2	52.9
334.6	-	-	64.2	61.1	-	58.4	-
347.8	-	-	63.5	61.1	-	55.8	-
360.9	-	-	59.7	61.1	53.1	52.9	-
374.0	-	-	-	61.1	53.1	50.3	-
387.1	-	-	-	61.1	53.1	47.4	-
393.7	-	-	-	61.1	53.1	46.1	-
400.3	-	-	-	-	53.1	44.8	-
413.4	-	-	-	-	53.1	41.9	-
423.2	-	-	-	-	50.9	37.6	-
426.5	-	-	-	-	-	36.8	-
439.6	-	-	-	-	-	32.0	-
452.8	-	-	-	-	-	26.0	-
465.9	-	-	-	-	-	19.8	-
479.0	-	-	-	-	-	15.0	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

216.5 ft + 78.7 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
55.8	-	-	-	-	-	-	542.3
59.1	315.3	465.2	-	-	-	460.8	542.3
65.6	286.6	447.5	-	-	-	460.8	522.5
72.2	262.4	427.7	-	-	-	458.6	500.4
78.7	240.3	410.1	-	-	-	456.4	478.4
85.3	222.7	392.4	-	-	-	456.4	456.4
91.9	202.8	379.2	-	-	-	440.9	432.1
98.4	185.2	366.0	-	-	-	429.9	407.9
101.7	-	-	-	-	-	423.8	379.2
105.0	-	-	403.4	-	-	417.8	-
111.5	-	-	403.4	-	-	405.7	-
124.7	-	-	372.6	-	-	372.6	-
137.8	-	-	341.7	-	-	328.5	-
150.9	-	-	-	-	-	291.0	-
157.5	-	-	-	273.4	-	275.6	-
164.0	-	-	-	262.4	-	260.1	-
173.9	-	-	-	246.9	-	238.7	-
177.2	-	-	-	-	-	231.5	-
190.3	-	-	-	-	-	209.4	-
196.9	-	-	-	-	196.2	199.5	-
203.4	-	-	-	-	192.9	189.6	-
206.7	-	-	-	-	188.5	184.6	-
216.5	-	-	-	-	-	169.8	-
229.7	-	-	-	-	-	149.9	-
242.8	-	-	-	-	-	131.2	-
255.9	-	-	-	-	-	117.9	-
269.0	-	-	-	-	-	101.9	-

216.5 ft + 118.1 ft

ft	1,000 lb						
68.9	-	-	-	-	-	-	396.8
72.2	244.7	341.7	-	-	-	341.7	396.8
78.7	224.9	339.5	-	-	-	341.7	385.8
85.3	208.3	330.7	-	-	-	341.7	374.8
91.9	194.0	321.9	-	-	-	341.7	363.8
98.4	180.8	315.3	-	-	-	341.7	352.7
111.5	154.3	297.6	-	-	-	328.5	328.5
124.7	133.4	280.0	319.7	-	-	321.9	306.4
137.8	116.8	249.1	313.1	-	-	306.4	246.9
141.1	-	-	309.2	-	-	300.9	229.3
150.9	-	-	297.6	-	-	284.4	-
164.0	-	-	277.8	-	-	264.6	-
177.2	-	-	253.5	229.3	-	235.9	-
190.3	-	-	-	217.2	-	213.8	-
203.4	-	-	-	200.6	-	194.0	-
210.0	-	-	-	192.9	-	185.2	-
216.5	-	-	-	-	-	176.4	-
229.7	-	-	-	-	162.0	160.9	-
242.8	-	-	-	-	152.1	145.5	-
255.9	-	-	-	-	-	129.0	-
269.0	-	-	-	-	-	114.6	-
282.2	-	-	-	-	-	102.5	-
295.3	-	-	-	-	-	91.3	-
308.4	-	-	-	-	-	77.6	-

216.5 ft + 157.5 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
82.0	-	-	-	-	-	-	297.6
85.3	195.1	260.1	-	-	-	260.1	297.6
91.9	180.8	260.1	-	-	-	260.1	291.0
98.4	168.7	255.7	-	-	-	260.1	284.4
111.5	148.8	244.7	-	-	-	260.1	271.2
124.7	130.1	233.7	-	-	-	257.9	257.9
137.8	113.5	224.9	-	-	-	257.9	242.5
144.4	106.8	219.4	246.9	-	-	256.8	233.7
150.9	100.1	213.8	246.9	-	-	255.7	224.9
164.0	89.1	205.0	235.9	-	-	235.9	205.0
177.2	80.0	172.0	227.1	-	-	218.3	169.8
190.3	-	-	216.1	-	-	200.6	-
203.4	-	-	198.4	184.1	-	187.4	-
216.5	-	-	177.5	177.5	-	174.2	-
229.7	-	-	-	167.6	-	159.8	-
242.8	-	-	-	157.6	-	148.8	-
249.3	-	-	-	152.1	-	142.7	-
255.9	-	-	-	-	131.2	136.7	-
269.0	-	-	-	-	126.8	122.4	-
282.2	-	-	-	-	120.2	110.2	-
295.3	-	-	-	-	-	98.1	-
308.4	-	-	-	-	-	86.6	-
321.5	-	-	-	-	-	78.7	-
334.6	-	-	-	-	-	67.9	-
347.8	-	-	-	-	-	56.9	-

216.5 ft + 196.9 ft

ft	1,000 lb						
91.9	168.7	198.4	-	-	-	-	224.9
98.4	157.6	198.4	-	-	-	198.4	224.9
111.5	137.8	196.2	-	-	-	198.4	218.3
124.7	122.4	189.6	-	-	-	198.4	210.5
137.8	109.3	183.0	-	-	-	198.4	198.4
150.9	96.8	178.6	-	-	-	198.4	186.3
164.0	85.8	172.0	191.8	-	-	198.4	174.2
177.2	76.5	165.3	191.8	-	-	191.8	163.1
190.3	68.8	158.7	189.6	-	-	178.6	153.2
203.4	61.9	143.3	180.8	-	-	167.6	142.2
216.5	56.2	120.2	172.0	-	-	157.6	119.0
229.7	-	-	163.1	156.5	-	149.9	-
242.8	-	-	147.7	152.1	-	143.3	-
249.3	-	-	136.7	147.7	-	140.4	-
255.9	-	-	-	143.3	-	136.7	-
269.0	-	-	-	134.5	-	124.6	-
282.2	-	-	-	125.7	111.3	113.5	-
288.7	-	-	-	122.4	109.0	108.2	-
295.3	-	-	-	-	106.7	103.0	-
308.4	-	-	-	-	100.3	92.6	-
321.5	-	-	-	-	94.4	82.5	-
334.6	-	-	-	-	-	73.0	-
347.8	-	-	-	-	-	65.9	-
360.9	-	-	-	-	-	57.8	-
374.0	-	-	-	-	-	48.7	-
383.9	-	-	-	-	-	41.9	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

216.5 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
105.0	-	-	-	-	-	-	166.4
108.3	-	152.1	-	-	-	-	166.4
111.5	129.0	152.1	-	-	-	152.1	166.4
124.7	113.5	152.1	-	-	-	152.1	160.9
137.8	101.2	147.7	-	-	-	152.1	156.5
150.9	90.6	143.3	-	-	-	152.1	151.0
164.0	81.6	141.1	-	-	-	149.9	144.4
177.2	73.2	136.7	-	-	-	149.9	138.9
183.7	69.3	135.6	145.5	-	-	149.9	136.1
190.3	65.5	134.5	145.5	-	-	149.9	133.4
203.4	58.6	130.1	143.3	-	-	143.3	126.8
216.5	52.5	125.7	143.3	-	-	136.7	121.3
229.7	47.2	119.0	138.9	-	-	130.1	114.6
242.8	42.3	103.6	130.1	-	-	123.5	106.0
249.3	40.3	97.2	127.9	115.7	-	119.8	98.0
252.6	39.2	93.9	126.8	115.7	-	118.3	93.9
255.9	-	-	125.7	115.7	-	116.8	-
269.0	-	-	121.3	115.7	-	113.5	-
282.2	-	-	108.7	114.6	-	110.2	-
288.7	-	-	103.4	114.1	-	107.5	-
295.3	-	-	-	113.5	-	104.7	-
308.4	-	-	-	106.9	-	95.0	-
315.0	-	-	-	103.8	91.5	90.8	-
321.5	-	-	-	100.8	88.8	86.6	-
328.1	-	-	-	97.7	86.2	82.2	-
334.6	-	-	-	-	83.6	77.8	-
347.8	-	-	-	-	78.5	69.2	-
360.9	-	-	-	-	74.1	61.1	-
374.0	-	-	-	-	-	54.5	-
387.1	-	-	-	-	-	48.3	-
400.3	-	-	-	-	-	40.8	-
413.4	-	-	-	-	-	33.1	-

216.5 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
118.1	-	-	-	-	-	-	123.5
121.4	-	114.6	-	-	-	-	122.9
124.7	106.0	114.6	-	-	-	-	122.4
131.2	100.1	114.6	-	-	-	114.6	121.3
137.8	94.1	114.6	-	-	-	114.6	120.2
150.9	83.8	112.4	-	-	-	114.6	117.9
164.0	75.0	110.2	-	-	-	114.6	115.7
177.2	67.5	110.2	-	-	-	112.4	112.4
190.3	60.8	108.0	-	-	-	112.4	110.2
203.4	54.9	105.8	108.0	-	-	112.4	108.0
216.5	49.4	103.6	108.0	-	-	110.2	105.6
229.7	43.9	101.4	108.0	-	-	108.0	101.9
242.8	39.2	97.0	105.8	-	-	103.6	97.9
255.9	34.8	90.4	103.6	-	-	101.4	93.9
269.0	31.1	88.2	103.6	-	-	97.0	89.9
275.6	29.4	83.8	102.5	84.0	-	94.8	84.7
282.2	27.8	79.4	101.4	84.0	-	92.6	79.4
292.0	-	-	98.1	84.0	-	89.3	70.3
295.3	-	-	97.0	84.0	-	88.2	-
308.4	-	-	90.4	84.0	-	83.8	-
321.5	-	-	84.2	84.0	-	81.6	-
328.1	-	-	78.5	83.8	-	78.7	-
334.6	-	-	-	83.8	-	75.8	-
341.2	-	-	-	83.6	71.9	73.5	-
347.8	-	-	-	83.3	71.9	71.2	-
360.9	-	-	-	80.5	69.4	65.3	-
374.0	-	-	-	-	65.3	58.0	-
387.1	-	-	-	-	61.3	50.9	-
393.7	-	-	-	-	59.5	47.5	-
400.3	-	-	-	-	-	45.0	-
413.4	-	-	-	-	-	39.7	-
426.5	-	-	-	-	-	33.3	-
439.6	-	-	-	-	-	26.9	-
452.8	-	-	-	-	-	20.5	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

216.5 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
131.2	-	-	-	-	-	-	86.4
134.5	-	78.0	-	-	-	-	86.2
137.8	76.5	77.6	-	-	-	-	86.0
144.4	75.7	76.8	-	-	-	76.5	84.9
150.9	75.0	76.1	-	-	-	76.1	83.8
164.0	68.6	74.1	-	-	-	74.7	81.6
177.2	61.3	72.3	-	-	-	73.6	79.6
190.3	54.7	70.8	-	-	-	72.3	77.8
203.4	48.9	69.2	-	-	-	70.5	75.8
216.5	43.9	67.5	67.5	-	-	69.0	73.9
229.7	39.2	65.9	67.5	-	-	67.5	72.1
242.8	35.3	64.4	66.6	-	-	66.1	70.3
255.9	31.5	63.3	65.9	-	-	64.6	68.8
269.0	28.0	62.4	65.0	-	-	63.3	67.5
282.2	24.5	61.5	64.4	-	-	61.7	66.1
295.3	21.4	60.4	63.7	-	-	60.2	64.8
301.8	20.1	60.0	63.4	57.1	-	59.5	64.3
308.4	18.7	59.5	63.1	57.1	-	58.9	63.7
321.5	16.1	58.6	62.4	57.1	-	57.3	59.3
331.4	-	-	62.1	57.1	-	56.3	52.0
334.6	-	-	61.9	57.1	-	56.0	-
347.8	-	-	61.3	57.1	-	54.5	-
360.9	-	-	60.8	57.1	-	51.8	-
367.5	-	-	59.1	57.1	-	50.4	-
374.0	-	-	-	57.1	47.4	48.9	-
387.1	-	-	-	57.1	43.4	46.3	-
400.3	-	-	-	57.1	43.4	43.4	-
413.4	-	-	-	-	43.4	40.6	-
426.5	-	-	-	-	43.4	35.5	-
433.1	-	-	-	-	43.4	33.6	-
439.6	-	-	-	-	-	31.7	-
452.8	-	-	-	-	-	26.0	-
465.9	-	-	-	-	-	20.5	-
479.0	-	-	-	-	-	15.0	-
492.1	-	-	-	-	-	9.3	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

236.2 ft + 78.7 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
59.1	304.2	416.7	-	-	-	-	478.4
62.3	288.8	410.1	-	-	-	410.1	478.4
65.6	275.6	410.1	-	-	-	410.1	471.8
72.2	251.3	385.8	-	-	-	405.7	451.9
78.7	231.5	370.4	-	-	-	405.7	434.3
85.3	215.0	357.1	-	-	-	405.7	414.5
91.9	199.5	346.1	-	-	-	401.2	399.0
98.4	183.0	335.1	-	-	-	388.0	381.4
105.0	-	-	-	-	-	381.4	361.6
111.5	-	-	370.4	-	-	374.8	-
124.7	-	-	348.3	-	-	350.5	-
137.8	-	-	326.3	-	-	321.9	-
144.4	-	-	313.1	-	-	305.3	-
150.9	-	-	-	-	-	288.8	-
164.0	-	-	-	246.9	-	255.7	-
177.2	-	-	-	233.7	-	229.3	-
183.7	-	-	-	224.9	-	217.7	-
190.3	-	-	-	-	-	206.1	-
203.4	-	-	-	-	-	186.3	-
216.5	-	-	-	-	-	167.6	-
229.7	-	-	-	-	-	149.9	-
242.8	-	-	-	-	-	132.3	-
255.9	-	-	-	-	-	116.8	-
269.0	-	-	-	-	-	105.2	-
282.2	-	-	-	-	-	90.8	-

236.2 ft + 118.1 ft

ft	1,000 lb						
65.6	251.3	-	-	-	-	-	-
72.2	235.9	308.6	-	-	-	-	359.4
78.7	217.2	302.0	-	-	-	304.2	350.5
85.3	201.7	295.4	-	-	-	304.2	339.5
91.9	187.4	286.6	-	-	-	304.2	330.7
98.4	175.3	277.8	-	-	-	304.2	319.7
111.5	153.2	262.4	-	-	-	299.8	299.8
124.7	132.3	246.9	-	-	-	291.0	280.0
131.2	124.0	241.4	284.4	-	-	285.5	267.9
137.8	115.7	235.9	284.4	-	-	280.0	255.7
141.1	-	-	280.5	-	-	275.0	238.1
150.9	-	-	269.0	-	-	260.1	-
164.0	-	-	253.5	-	-	242.5	-
177.2	-	-	235.9	-	-	224.9	-
183.7	-	-	227.1	-	-	216.1	-
190.3	-	-	-	202.8	-	207.2	-
203.4	-	-	-	191.8	-	189.6	-
216.5	-	-	-	181.9	-	172.0	-
219.8	-	-	-	178.6	-	168.4	-
229.7	-	-	-	-	-	157.6	-
236.2	-	-	-	-	145.5	150.5	-
242.8	-	-	-	-	143.3	143.3	-
255.9	-	-	-	-	136.7	127.9	-
269.0	-	-	-	-	-	114.6	-
282.2	-	-	-	-	-	101.6	-
295.3	-	-	-	-	-	89.7	-
308.4	-	-	-	-	-	80.5	-
321.5	-	-	-	-	-	68.6	-

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

236.2 ft + 157.5 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
82.0	-	-	-	-	-	-	271.2
85.3	187.4	233.7	-	-	-	-	271.2
91.9	174.2	233.7	-	-	-	233.7	264.6
98.4	163.1	231.5	-	-	-	233.7	260.1
111.5	143.3	222.7	-	-	-	233.7	249.1
124.7	126.8	213.8	-	-	-	233.7	235.9
137.8	111.3	202.8	-	-	-	233.7	224.9
150.9	98.8	194.0	227.1	-	-	233.7	212.7
164.0	87.7	185.2	222.7	-	-	222.7	200.6
177.2	78.7	176.4	207.2	-	-	207.2	177.5
180.4	-	-	204.5	-	-	203.4	167.6
190.3	-	-	196.2	-	-	191.8	-
203.4	-	-	186.3	-	-	177.5	-
210.0	-	-	181.3	172.0	-	172.5	-
216.5	-	-	176.4	172.0	-	167.6	-
229.7	-	-	-	164.2	-	156.5	-
242.8	-	-	-	153.2	-	145.5	-
255.9	-	-	-	143.3	-	132.3	-
269.0	-	-	-	-	121.3	120.2	-
282.2	-	-	-	-	114.6	108.5	-
295.3	-	-	-	-	107.8	97.0	-
308.4	-	-	-	-	-	86.2	-
321.5	-	-	-	-	-	75.6	-
334.6	-	-	-	-	-	68.1	-
347.8	-	-	-	-	-	58.9	-
360.9	-	-	-	-	-	49.2	-

236.2 ft + 196.9 ft

ft	1,000 lb						
95.1	-	-	-	-	-	-	206.1
98.4	151.0	180.8	-	-	-	-	206.1
105.0	142.2	179.7	-	-	-	180.8	202.8
111.5	133.4	178.6	-	-	-	180.8	199.5
124.7	117.9	174.2	-	-	-	180.8	192.9
137.8	105.4	167.6	-	-	-	180.8	185.2
150.9	94.6	160.9	-	-	-	180.8	176.4
164.0	84.4	156.5	-	-	-	180.8	168.7
170.6	79.9	154.3	174.2	-	-	179.7	164.2
177.2	75.4	152.1	174.2	-	-	178.6	159.8
190.3	67.5	145.5	174.2	-	-	169.8	149.9
203.4	60.8	141.1	169.8	-	-	158.7	140.0
216.5	55.1	123.5	163.1	-	-	149.9	123.5
229.7	-	-	156.5	-	-	140.0	-
236.2	-	-	153.2	141.1	-	136.7	-
242.8	-	-	149.9	141.1	-	133.4	-
255.9	-	-	134.5	136.7	-	127.9	-
269.0	-	-	-	127.9	-	120.2	-
282.2	-	-	-	120.2	-	109.6	-
295.3	-	-	-	112.4	100.8	100.1	-
308.4	-	-	-	-	94.6	90.2	-
321.5	-	-	-	-	88.8	80.7	-
334.6	-	-	-	-	83.8	71.7	-
347.8	-	-	-	-	-	63.1	-
360.9	-	-	-	-	-	56.2	-
374.0	-	-	-	-	-	49.2	-
387.1	-	-	-	-	-	41.0	-
400.3	-	-	-	-	-	32.8	-

236.2 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
108.3	-	-	-	-	-	-	154.3
111.5	123.5	138.9	-	-	-	-	154.3
118.1	116.4	138.9	-	-	-	138.9	152.7
124.7	109.3	138.9	-	-	-	138.9	151.0
137.8	97.2	134.5	-	-	-	138.9	146.6
150.9	87.1	132.3	-	-	-	138.9	142.2
164.0	78.3	127.9	-	-	-	138.9	136.7
177.2	70.5	123.5	-	-	-	138.9	132.3
190.3	63.9	119.0	132.3	-	-	134.5	126.8
203.4	58.2	116.8	132.3	-	-	130.1	121.3
216.5	52.2	112.4	132.3	-	-	123.5	116.8
229.7	46.7	105.8	130.1	-	-	119.0	111.3
242.8	42.1	99.2	130.1	-	-	114.6	106.5
255.9	37.9	92.8	127.9	-	-	109.3	91.9
262.5	-	-	125.7	105.2	-	107.9	-
269.0	-	-	123.5	105.2	-	106.5	-
282.2	-	-	114.6	105.2	-	103.4	-
295.3	-	-	102.3	105.2	-	100.5	-
308.4	-	-	-	102.5	-	92.8	-
321.5	-	-	-	96.3	-	83.8	-
328.1	-	-	-	93.5	81.8	80.0	-
334.6	-	-	-	90.6	79.1	76.3	-
347.8	-	-	-	-	74.3	68.1	-
360.9	-	-	-	-	69.9	60.4	-
367.5	-	-	-	-	67.7	56.7	-
374.0	-	-	-	-	-	52.9	-
387.1	-	-	-	-	-	46.3	-
400.3	-	-	-	-	-	40.8	-
413.4	-	-	-	-	-	34.0	-
426.5	-	-	-	-	-	27.1	-
439.6	-	-	-	-	-	19.8	-

0 lb	110,250 lb	220,500 lb	330,750 lb
441,000 lb	551,250 lb	661,500 lb	

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

236.2 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
118.1	-	-	-	-	-	-	115.7
124.7	101.6	105.8	-	-	-	-	115.7
134.5	92.9	105.8	-	-	-	105.8	113.3
137.8	89.9	105.8	-	-	-	105.8	112.4
150.9	80.2	103.6	-	-	-	105.8	111.3
164.0	71.7	101.4	-	-	-	105.8	108.9
177.2	64.4	101.4	-	-	-	105.8	106.3
190.3	58.0	99.2	-	-	-	105.8	103.6
203.4	52.2	97.0	99.2	-	-	103.6	101.0
216.5	47.2	94.8	99.2	-	-	101.4	98.3
229.7	42.5	92.6	99.2	-	-	99.2	95.5
242.8	38.1	88.2	99.2	-	-	97.0	92.4
255.9	34.0	86.0	97.0	-	-	92.6	89.3
269.0	30.2	83.8	94.8	-	-	90.4	86.4
282.2	26.9	77.2	92.6	77.2	-	83.8	81.1
292.0	24.5	72.3	92.6	77.2	-	79.9	72.3
295.3	-	-	92.6	77.2	-	79.4	-
308.4	-	-	88.2	77.2	-	76.7	-
321.5	-	-	86.0	77.2	-	74.5	-
334.6	-	-	77.2	77.2	-	71.7	-
347.8	-	-	-	76.9	-	67.5	-
354.3	-	-	-	76.2	65.3	64.9	-
360.9	-	-	-	75.4	64.2	62.4	-
374.0	-	-	-	71.0	60.2	55.6	-
387.1	-	-	-	-	56.4	48.9	-
400.3	-	-	-	-	52.9	42.3	-
406.8	-	-	-	-	51.4	39.2	-
413.4	-	-	-	-	-	36.8	-
426.5	-	-	-	-	-	32.0	-
439.6	-	-	-	-	-	26.2	-
452.8	-	-	-	-	-	20.3	-
465.9	-	-	-	-	-	14.3	-
475.7	-	-	-	-	-	9.7	-

236.2 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
131.2	-	-	-	-	-	-	81.4
137.8	72.1	73.2	-	-	-	-	81.4
147.6	71.3	72.0	-	-	-	72.3	80.0
150.9	71.0	71.7	-	-	-	72.1	79.6
164.0	65.3	70.1	-	-	-	71.0	77.8
177.2	58.2	68.6	-	-	-	69.9	75.8
190.3	51.8	67.0	-	-	-	68.8	74.1
203.4	46.3	65.5	-	-	-	67.2	72.3
216.5	41.4	63.9	-	-	-	65.9	70.5
223.1	39.2	63.2	63.9	-	-	65.3	69.8
229.7	37.0	62.4	63.9	-	-	64.6	69.0
242.8	33.1	60.8	63.5	-	-	63.3	67.2
255.9	29.3	59.7	63.1	-	-	61.7	65.9
269.0	26.2	58.6	62.4	-	-	60.4	64.6
282.2	23.1	57.8	61.7	-	-	58.9	63.5
295.3	20.5	56.7	61.3	-	-	57.5	62.4
308.4	17.9	55.8	60.6	54.0	-	56.2	61.5
321.5	15.2	54.9	60.2	54.0	-	54.7	60.4
331.4	-	-	59.9	54.0	-	53.7	53.6
334.6	-	-	59.7	54.0	-	53.4	-
347.8	-	-	59.5	54.0	-	51.8	-
360.9	-	-	59.3	54.0	-	50.5	-
374.0	-	-	58.0	54.0	-	47.6	-
387.1	-	-	-	54.0	45.6	44.8	-
400.3	-	-	-	54.0	45.6	41.9	-
410.1	-	-	-	53.6	45.3	39.7	-
413.4	-	-	-	-	45.2	39.0	-
426.5	-	-	-	-	42.1	33.5	-
439.6	-	-	-	-	39.2	28.7	-
446.2	-	-	-	-	37.9	26.5	-
452.8	-	-	-	-	-	24.3	-
465.9	-	-	-	-	-	19.2	-
479.0	-	-	-	-	-	14.1	-
492.1	-	-	-	-	-	8.8	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

255.9 ft + 118.1 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
72.2	227.1	262.4	-	-	-	-	319.7
78.7	209.4	262.4	-	-	-	260.1	317.5
85.3	194.0	251.3	-	-	-	257.9	308.6
91.9	180.8	242.5	-	-	-	255.7	299.8
98.4	168.7	235.9	-	-	-	255.7	291.0
111.5	148.8	224.9	-	-	-	255.7	273.4
124.7	131.2	213.8	-	-	-	255.7	255.7
137.8	114.6	202.8	251.3	-	-	253.5	240.3
144.4	-	-	249.1	-	-	246.9	231.5
150.9	-	-	246.9	-	-	240.3	-
164.0	-	-	233.7	-	-	220.5	-
177.2	-	-	220.5	-	-	206.1	-
183.7	-	-	213.8	-	-	200.6	-
190.3	-	-	-	-	-	195.1	-
196.9	-	-	-	195.1	-	189.0	-
203.4	-	-	-	191.8	-	183.0	-
216.5	-	-	-	178.6	-	172.0	-
229.7	-	-	-	166.4	-	156.5	-
242.8	-	-	-	-	-	141.1	-
249.3	-	-	-	-	136.7	134.5	-
255.9	-	-	-	-	132.3	127.9	-
269.0	-	-	-	-	124.6	114.6	-
282.2	-	-	-	-	-	103.2	-
295.3	-	-	-	-	-	91.3	-
308.4	-	-	-	-	-	79.8	-
321.5	-	-	-	-	-	72.1	-
334.6	-	-	-	-	-	61.5	-

255.9 ft + 157.5ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
85.3	180.8	207.2	-	-	-	-	242.5
91.9	168.7	207.2	-	-	-	205.0	240.3
98.4	157.6	205.0	-	-	-	205.0	235.9
111.5	137.8	194.0	-	-	-	205.0	227.1
124.7	123.5	185.2	-	-	-	205.0	216.1
137.8	110.2	176.4	-	-	-	205.0	206.1
150.9	97.4	167.6	-	-	-	205.0	195.1
157.5	91.9	164.2	198.4	-	-	202.8	190.1
164.0	86.4	160.9	198.4	-	-	200.6	185.2
177.2	77.6	156.5	194.0	-	-	189.6	175.3
180.4	-	-	192.4	-	-	186.8	173.1
190.3	-	-	187.4	-	-	178.6	-
203.4	-	-	180.8	-	-	167.6	-
216.5	-	-	172.0	-	-	158.7	-
223.1	-	-	167.6	156.5	-	153.2	-
229.7	-	-	-	155.4	-	147.7	-
242.8	-	-	-	147.7	-	138.9	-
255.9	-	-	-	137.8	-	127.9	-
269.0	-	-	-	129.0	-	115.7	-
275.6	-	-	-	-	111.3	111.0	-
282.2	-	-	-	-	108.7	106.0	-
295.3	-	-	-	-	102.1	95.2	-
305.1	-	-	-	-	97.4	87.6	-
308.4	-	-	-	-	-	85.1	-
321.5	-	-	-	-	-	75.2	-
334.6	-	-	-	-	-	65.9	-
347.8	-	-	-	-	-	58.9	-
360.9	-	-	-	-	-	50.7	-
374.0	-	-	-	-	-	41.9	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft /s | 360° | ASME B30.5

255.9 ft + 196.9 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
95.1	-	-	-	-	-	-	186.3
98.4	145.5	160.9	-	-	-	-	186.3
108.3	132.3	160.9	-	-	-	154.3	183.8
111.5	127.9	160.9	-	-	-	154.3	183.0
124.7	113.5	154.3	-	-	-	154.3	176.4
137.8	101.6	147.7	-	-	-	154.3	169.8
150.9	91.3	143.3	-	-	-	154.3	163.1
164.0	82.5	136.7	-	-	-	154.3	156.5
170.6	78.6	134.5	154.3	-	-	154.3	152.7
177.2	74.7	132.3	154.3	-	-	154.3	148.8
190.3	67.2	127.9	154.3	-	-	147.7	142.2
203.4	60.6	121.3	149.9	-	-	141.1	134.5
216.5	54.9	116.8	145.5	-	-	134.5	125.7
219.8	-	-	143.3	-	-	132.8	119.0
229.7	-	-	136.7	-	-	127.9	-
242.8	-	-	130.1	119.0	-	122.4	-
255.9	-	-	125.7	119.0	-	117.9	-
262.5	-	-	116.8	117.4	-	116.3	-
269.0	-	-	-	115.7	-	114.6	-
282.2	-	-	-	112.4	-	107.4	-
295.3	-	-	-	107.6	-	97.2	-
301.8	-	-	-	104.9	-	93.0	-
308.4	-	-	-	-	90.2	88.8	-
321.5	-	-	-	-	84.7	79.8	-
334.6	-	-	-	-	79.6	71.2	-
341.2	-	-	-	-	77.2	67.0	-
347.8	-	-	-	-	-	62.8	-
360.9	-	-	-	-	-	54.9	-
374.0	-	-	-	-	-	48.5	-
387.1	-	-	-	-	-	41.9	-
400.3	-	-	-	-	-	34.6	-
413.4	-	-	-	-	-	27.1	-

255.9 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
108.3	-	-	-	-	-	-	141.1
111.5	115.7	119.0	-	-	-	-	141.1
121.4	107.8	119.0	-	-	-	119.0	139.4
124.7	105.2	119.0	-	-	-	119.0	138.9
137.8	93.5	114.6	-	-	-	119.0	135.6
150.9	83.6	112.4	-	-	-	119.0	131.2
164.0	75.2	108.0	-	-	-	119.0	126.8
177.2	67.7	105.8	-	-	-	119.0	122.4
190.3	61.3	101.4	114.6	-	-	119.0	117.9
203.4	55.6	99.2	114.6	-	-	116.8	113.5
216.5	50.5	97.0	114.6	-	-	114.6	110.0
229.7	45.6	92.6	112.4	-	-	110.2	105.8
242.8	41.0	90.4	110.2	-	-	105.8	101.6
255.9	36.8	88.2	108.0	-	-	99.2	94.4
269.0	-	-	105.8	90.4	-	92.6	-
282.2	-	-	101.4	90.4	-	89.7	-
295.3	-	-	94.8	89.9	-	87.1	-
301.8	-	-	92.6	89.1	-	85.6	-
308.4	-	-	-	88.2	-	84.2	-
321.5	-	-	-	86.0	-	80.5	-
334.6	-	-	-	82.7	73.9	73.6	-
341.2	-	-	-	80.9	71.5	69.7	-
347.8	-	-	-	-	69.2	65.9	-
360.9	-	-	-	-	65.0	58.4	-
374.0	-	-	-	-	61.1	51.4	-
380.6	-	-	-	-	59.3	48.0	-
387.1	-	-	-	-	-	44.5	-
400.3	-	-	-	-	-	38.6	-
413.4	-	-	-	-	-	33.3	-
426.5	-	-	-	-	-	27.1	-
439.6	-	-	-	-	-	20.7	-
452.8	-	-	-	-	-	14.3	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

255.9 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
121.4	-	-	-	-	-	-	107.4
124.7	88.8	92.6	-	-	-	-	107.4
134.5	86.9	92.6	-	-	-	90.4	106.2
137.8	86.2	92.6	-	-	-	90.4	105.8
150.9	76.7	90.4	-	-	-	90.4	103.4
164.0	68.6	88.2	-	-	-	90.4	101.0
177.2	61.5	86.0	-	-	-	90.4	98.5
190.3	55.3	83.8	-	-	-	90.4	95.9
203.4	49.8	81.6	-	-	-	90.4	93.5
210.0	47.3	80.5	86.0	-	-	90.4	92.3
216.5	44.8	79.4	86.0	-	-	90.4	91.1
229.7	40.3	77.2	86.0	-	-	88.2	88.4
242.8	36.6	75.0	86.0	-	-	86.0	85.8
255.9	32.8	70.5	86.0	-	-	83.8	83.3
269.0	29.8	68.3	86.0	-	-	81.6	80.7
282.2	26.7	66.1	83.8	-	-	79.4	78.0
295.3	23.8	63.9	83.8	67.5	-	72.8	70.8
308.4	-	-	81.6	67.5	-	70.5	-
321.5	-	-	79.4	67.2	-	66.1	-
334.6	-	-	75.0	67.2	-	63.9	-
337.9	-	-	64.6	67.2	-	63.2	-
347.8	-	-	-	67.0	-	60.8	-
360.9	-	-	-	65.0	-	56.9	-
367.5	-	-	-	64.2	55.8	55.1	-
374.0	-	-	-	63.3	55.8	53.4	-
380.6	-	-	-	62.4	54.3	50.6	-
387.1	-	-	-	-	52.9	47.8	-
400.3	-	-	-	-	49.6	41.7	-
413.4	-	-	-	-	46.3	35.7	-
419.9	-	-	-	-	44.8	32.7	-
426.5	-	-	-	-	-	30.4	-
439.6	-	-	-	-	-	25.8	-
452.8	-	-	-	-	-	20.3	-
465.9	-	-	-	-	-	14.8	-
479.0	-	-	-	-	-	9.3	-

255.9 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
134.5	-	-	-	-	-	-	76.3
137.8	65.9	67.2	-	-	-	-	76.3
150.9	64.8	65.7	-	-	-	65.7	75.0
164.0	62.2	64.4	-	-	-	64.8	73.4
177.2	55.3	62.6	-	-	-	63.9	71.9
190.3	49.2	60.8	-	-	-	63.1	70.1
203.4	43.9	59.1	-	-	-	61.9	68.6
216.5	39.0	57.3	-	-	-	60.6	67.0
229.7	34.8	55.8	58.2	-	-	59.5	65.5
242.8	30.9	54.2	58.0	-	-	58.2	63.9
255.9	27.3	52.5	57.8	-	-	56.7	62.4
269.0	24.3	50.7	57.3	-	-	55.1	61.1
282.2	21.4	48.9	56.4	-	-	53.6	59.7
295.3	18.7	47.0	55.8	-	-	52.0	58.4
308.4	16.3	45.2	54.9	-	-	50.5	57.1
315.0	15.2	44.3	54.3	47.2	-	49.8	56.4
321.5	14.1	43.4	53.8	47.2	-	49.2	55.8
334.6	12.1	41.7	52.0	47.2	-	47.6	52.5
347.8	-	-	50.7	47.2	-	46.3	-
360.9	-	-	48.9	47.2	-	44.8	-
374.0	-	-	47.4	47.2	-	42.8	-
387.1	-	-	-	47.0	-	40.1	-
393.7	-	-	-	46.8	38.6	38.8	-
400.3	-	-	-	46.7	38.6	37.5	-
413.4	-	-	-	46.3	37.9	34.8	-
419.9	-	-	-	46.1	37.8	33.2	-
426.5	-	-	-	-	37.7	31.5	-
439.6	-	-	-	-	35.1	26.2	-
452.8	-	-	-	-	32.4	22.0	-
459.3	-	-	-	-	31.3	19.8	-
465.9	-	-	-	-	-	17.4	-
479.0	-	-	-	-	-	12.8	-
488.8	-	-	-	-	-	9.3	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

275.6 ft + 118.1 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
75.5	-	235.9	-	-	-	-	284.4
78.7	201.7	233.7	-	-	-	231.5	284.4
85.3	187.4	227.1	-	-	-	231.5	275.6
91.9	174.2	220.5	-	-	-	229.3	269.0
98.4	163.1	212.7	-	-	-	229.3	260.1
111.5	143.3	200.6	-	-	-	229.3	244.7
124.7	127.9	191.8	-	-	-	227.1	231.5
137.8	113.5	183.0	-	-	-	224.9	218.3
144.4	-	-	220.5	-	-	221.6	211.6
150.9	-	-	220.5	-	-	218.3	-
164.0	-	-	209.4	-	-	202.8	-
177.2	-	-	198.4	-	-	189.6	-
190.3	-	-	189.6	-	-	179.7	-
203.4	-	-	-	172.0	-	170.9	-
216.5	-	-	-	167.6	-	162.0	-
229.7	-	-	-	156.5	-	151.0	-
236.2	-	-	-	151.0	-	143.9	-
242.8	-	-	-	-	-	136.7	-
255.9	-	-	-	-	-	123.5	-
262.5	-	-	-	-	120.2	117.4	-
269.0	-	-	-	-	116.8	111.3	-
275.6	-	-	-	-	112.4	105.7	-
282.2	-	-	-	-	-	100.1	-
295.3	-	-	-	-	-	89.1	-
308.4	-	-	-	-	-	78.5	-
321.5	-	-	-	-	-	68.3	-
334.6	-	-	-	-	-	61.1	-
347.8	-	-	-	-	-	51.8	-
360.9	-	-	-	-	-	42.1	-

275.6 ft + 157.5 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
85.3	174.2	181.9	-	-	-	-	220.5
91.9	162.0	181.9	-	-	-	178.6	219.4
98.4	151.0	175.3	-	-	-	178.6	215.0
111.5	133.4	167.6	-	-	-	178.6	205.0
124.7	117.9	158.7	-	-	-	178.6	195.1
137.8	106.5	152.1	-	-	-	176.4	186.3
150.9	96.1	145.5	-	-	-	174.2	177.5
157.5	91.3	143.3	172.0	-	-	174.2	173.1
164.0	86.4	141.1	172.0	-	-	174.2	168.7
177.2	77.4	134.5	169.8	-	-	165.3	159.8
183.7	-	-	166.4	-	-	160.9	156.5
190.3	-	-	163.1	-	-	156.5	-
203.4	-	-	158.7	-	-	147.7	-
216.5	-	-	149.9	-	-	140.0	-
229.7	-	-	143.3	134.5	-	135.6	-
242.8	-	-	-	130.1	-	130.1	-
255.9	-	-	-	124.6	-	123.5	-
269.0	-	-	-	116.8	-	112.4	-
275.6	-	-	-	113.5	-	107.1	-
282.2	-	-	-	-	-	101.9	-
288.7	-	-	-	-	99.2	97.2	-
295.3	-	-	-	-	96.1	92.6	-
308.4	-	-	-	-	90.2	82.9	-
315.0	-	-	-	-	87.5	78.4	-
321.5	-	-	-	-	-	73.9	-
334.6	-	-	-	-	-	65.0	-
347.8	-	-	-	-	-	56.4	-
360.9	-	-	-	-	-	50.3	-
374.0	-	-	-	-	-	42.5	-
387.1	-	-	-	-	-	34.6	-
397.0	-	-	-	-	-	28.7	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

275.6 ft + 196.9 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
98.4	135.6	141.1	-	-	-	-	169.8
108.3	125.7	141.1	-	-	-	136.7	166.4
111.5	122.4	141.1	-	-	-	136.7	165.3
124.7	108.9	136.7	-	-	-	136.7	159.8
137.8	97.2	130.1	-	-	-	136.7	154.3
150.9	87.5	125.7	-	-	-	136.7	147.7
164.0	78.9	121.3	-	-	-	136.7	142.2
177.2	71.7	114.6	132.3	-	-	136.7	135.6
190.3	65.3	110.2	132.3	-	-	134.5	130.1
203.4	59.3	105.8	130.1	-	-	127.9	124.6
216.5	53.6	101.4	127.9	-	-	123.5	119.0
219.8	-	-	126.8	-	-	121.6	116.8
229.7	-	-	123.5	-	-	116.8	-
242.8	-	-	119.0	-	-	112.4	-
249.3	-	-	116.8	102.7	-	109.1	-
255.9	-	-	114.6	102.5	-	105.8	-
269.0	-	-	108.0	100.8	-	101.4	-
282.2	-	-	-	96.8	-	95.9	-
295.3	-	-	-	92.4	-	92.2	-
308.4	-	-	-	87.5	-	83.6	-
315.0	-	-	-	85.1	-	79.7	-
321.5	-	-	-	-	78.0	75.8	-
334.6	-	-	-	-	73.2	67.7	-
347.8	-	-	-	-	68.8	60.0	-
354.3	-	-	-	-	66.6	56.2	-
360.9	-	-	-	-	-	52.5	-
374.0	-	-	-	-	-	45.2	-
387.1	-	-	-	-	-	39.7	-
400.3	-	-	-	-	-	33.1	-
413.4	-	-	-	-	-	26.5	-
426.5	-	-	-	-	-	19.8	-

275.6 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
111.5	105.8	108.0	-	-	-	-	129.0
124.7	100.5	108.0	-	-	-	105.8	126.8
137.8	89.3	105.8	-	-	-	105.8	122.4
150.9	79.8	103.6	-	-	-	105.8	119.0
164.0	71.7	99.2	-	-	-	105.8	115.7
177.2	64.6	97.0	-	-	-	105.8	111.3
190.3	58.4	92.6	-	-	-	105.8	108.0
196.9	55.7	91.5	103.6	-	-	105.8	106.0
203.4	52.9	90.4	103.6	-	-	105.8	104.1
216.5	48.1	86.0	101.4	-	-	101.4	100.3
229.7	43.7	83.8	101.4	-	-	99.2	96.3
242.8	39.7	81.6	99.2	-	-	97.0	92.6
255.9	35.7	79.4	97.0	-	-	92.6	88.8
259.2	-	-	96.5	-	-	90.9	87.7
269.0	-	-	94.8	-	-	86.0	-
275.6	-	-	92.6	78.0	-	82.5	-
282.2	-	-	90.4	78.0	-	79.4	-
295.3	-	-	88.2	77.4	-	77.2	-
305.1	-	-	86.0	75.9	-	74.4	-
308.4	-	-	-	75.4	-	73.4	-
321.5	-	-	-	73.0	-	70.8	-
334.6	-	-	-	69.7	-	67.0	-
347.8	-	-	-	66.4	62.2	61.9	-
360.9	-	-	-	-	59.1	54.9	-
374.0	-	-	-	-	55.3	48.3	-
387.1	-	-	-	-	51.8	41.7	-
393.7	-	-	-	-	50.0	38.5	-
400.3	-	-	-	-	-	35.3	-
413.4	-	-	-	-	-	30.6	-
426.5	-	-	-	-	-	24.9	-
439.6	-	-	-	-	-	19.2	-
452.8	-	-	-	-	-	13.4	-
462.6	-	-	-	-	-	9.0	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

275.6 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
121.4	-	-	-	-	-	-	98.1
124.7	83.8	88.2	-	-	-	-	98.1
137.8	82.0	88.2	-	-	-	83.8	96.6
150.9	73.0	86.0	-	-	-	83.8	94.6
164.0	65.0	83.8	-	-	-	83.8	92.4
177.2	58.2	81.6	-	-	-	83.8	89.9
190.3	52.2	79.4	-	-	-	83.8	87.3
203.4	47.0	77.2	-	-	-	83.8	84.9
216.5	42.1	75.0	81.6	-	-	83.8	82.2
229.7	37.9	72.8	81.6	-	-	81.6	79.6
242.8	34.2	70.5	81.6	-	-	81.6	76.9
255.9	30.6	68.3	81.6	-	-	79.4	74.3
269.0	27.6	63.9	79.4	-	-	77.2	71.7
282.2	24.7	61.7	77.2	-	-	75.0	69.0
295.3	22.3	59.5	77.2	-	-	70.5	66.6
298.6	-	-	76.6	-	-	68.3	65.9
301.8	-	-	76.1	58.4	-	67.2	-
308.4	-	-	75.0	58.4	-	66.1	-
321.5	-	-	72.8	58.4	-	63.9	-
334.6	-	-	68.3	57.5	-	57.3	-
341.2	-	-	54.5	56.9	-	55.1	-
347.8	-	-	-	56.2	-	52.9	-
360.9	-	-	-	54.5	-	50.3	-
374.0	-	-	-	52.2	-	47.2	-
380.6	-	-	-	51.3	46.1	45.4	-
387.1	-	-	-	50.3	46.1	43.9	-
400.3	-	-	-	-	43.9	38.4	-
413.4	-	-	-	-	41.0	32.6	-
426.5	-	-	-	-	38.1	27.1	-
433.1	-	-	-	-	36.8	24.9	-
439.6	-	-	-	-	-	22.7	-
452.8	-	-	-	-	-	17.6	-
465.9	-	-	-	-	-	12.8	-
475.7	-	-	-	-	-	9.0	-

275.6 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
134.5	-	-	-	-	-	-	69.4
137.8	59.1	60.6	-	-	-	-	69.4
150.9	58.4	59.7	-	-	-	59.7	69.2
164.0	57.3	58.6	-	-	-	58.9	68.8
177.2	52.0	56.9	-	-	-	58.0	67.0
190.3	46.3	55.1	-	-	-	57.3	65.3
203.4	41.0	53.1	-	-	-	56.2	63.7
216.5	36.6	51.4	-	-	-	54.9	62.2
229.7	32.4	49.4	-	-	-	53.6	60.6
236.2	30.5	48.5	51.8	-	-	52.9	59.9
242.8	28.7	47.6	51.8	-	-	52.2	59.1
255.9	25.4	45.6	51.6	-	-	50.7	57.5
269.0	22.3	44.1	50.9	-	-	49.4	55.8
282.2	19.4	42.3	49.8	-	-	47.8	54.2
295.3	16.8	40.6	48.5	-	-	46.3	52.7
308.4	14.3	39.0	47.0	-	-	44.8	50.9
321.5	12.3	37.3	46.3	-	-	43.4	49.4
328.1	11.4	36.4	46.3	41.0	-	42.7	48.5
334.6	10.4	35.5	46.3	41.0	-	41.9	47.6
347.8	-	-	44.1	41.0	-	40.3	-
360.9	-	-	41.9	40.6	-	38.8	-
374.0	-	-	41.9	40.1	-	37.5	-
380.6	-	-	38.6	39.8	-	36.5	-
387.1	-	-	-	39.5	-	35.5	-
400.3	-	-	-	38.4	-	33.1	-
406.8	-	-	-	37.7	31.5	31.9	-
413.4	-	-	-	37.0	31.5	30.6	-
426.5	-	-	-	35.7	31.3	28.0	-
439.6	-	-	-	-	29.8	22.9	-
452.8	-	-	-	-	27.3	18.7	-
465.9	-	-	-	-	25.1	14.3	-
479.0	-	-	-	-	-	9.9	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

295.3 ft + 118.1 ft

	SWSL_1						SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb						
	85°	85°	75°	65°	55°		15°	85°
ft	1,000 lb							
75.5	-	-	-	-	-	-		246.9
78.7	194.0	201.7	-	-	-	199.5		246.9
85.3	179.7	195.1	-	-	-	199.5		240.3
91.9	167.6	189.6	-	-	-	196.2		233.7
98.4	156.5	184.1	-	-	-	194.0		224.9
111.5	138.9	172.0	-	-	-	190.7		212.7
124.7	123.5	162.0	-	-	-	186.3		199.5
137.8	111.3	152.1	-	-	-	180.8		186.3
144.4	-	-	175.3	-	-	177.5		180.4
147.6	-	-	175.3	-	-	175.8		177.5
150.9	-	-	175.3	-	-	174.2		-
164.0	-	-	165.3	-	-	167.6		-
177.2	-	-	156.5	-	-	160.9		-
190.3	-	-	147.7	-	-	154.3		-
196.9	-	-	138.9	-	-	151.0		-
203.4	-	-	-	-	-	147.7		-
210.0	-	-	-	141.1	-	144.4		-
216.5	-	-	-	141.1	-	141.1		-
229.7	-	-	-	133.4	-	136.7		-
242.8	-	-	-	124.6	-	127.9		-
255.9	-	-	-	-	-	119.0		-
269.0	-	-	-	-	110.2	109.3		-
282.2	-	-	-	-	104.1	98.1		-
288.7	-	-	-	-	100.8	92.9		-
295.3	-	-	-	-	-	87.7		-
308.4	-	-	-	-	-	77.8		-
321.5	-	-	-	-	-	68.3		-
334.6	-	-	-	-	-	59.5		-
347.8	-	-	-	-	-	52.5		-
360.9	-	-	-	-	-	44.1		-
374.0	-	-	-	-	-	35.5		-

295.3 ft + 157.5 ft

	SWSL_1						SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb						
	85°	85°	75°	65°	55°		15°	85°
ft	1,000 lb							
82.0	148.8	-	-	-	-		-	-
85.3	148.8	-	-	-	-		-	-
88.6	148.8	153.2	-	-	-		-	189.6
91.9	148.8	155.4	-	-	-		153.2	189.6
98.4	145.5	151.0	-	-	-		153.2	186.3
111.5	127.9	143.3	-	-	-		149.9	177.5
124.7	113.5	135.6	-	-	-		147.7	168.7
137.8	102.3	129.0	-	-	-		144.4	159.8
150.9	92.4	121.3	-	-	-		141.1	151.0
160.8	86.1	117.1	132.3	-	-		137.8	145.2
164.0	84.0	115.7	134.5	-	-		136.7	143.3
177.2	76.7	109.8	132.3	-	-		132.3	135.6
183.7	-	-	129.0	-	-		130.1	131.2
190.3	-	-	125.7	-	-		127.9	-
203.4	-	-	121.3	-	-		123.5	-
216.5	-	-	114.6	-	-		121.3	-
229.7	-	-	106.0	-	-		116.8	-
236.2	-	-	102.7	108.7	-		115.7	-
242.8	-	-	-	108.7	-		114.6	-
255.9	-	-	-	103.6	-		110.2	-
269.0	-	-	-	98.1	-		99.2	-
282.2	-	-	-	91.9	-		93.7	-
295.3	-	-	-	-	-		88.0	-
301.8	-	-	-	-	84.4		84.4	-
308.4	-	-	-	-	83.6		80.9	-
321.5	-	-	-	-	79.1		72.1	-
328.1	-	-	-	-	76.7		67.9	-
334.6	-	-	-	-	-		63.7	-
347.8	-	-	-	-	-		55.6	-
360.9	-	-	-	-	-		47.8	-
374.0	-	-	-	-	-		42.1	-
387.1	-	-	-	-	-		35.1	-
400.3	-	-	-	-	-		27.8	-
413.4	-	-	-	-	-		20.5	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

295.3 ft + 196.9 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
88.6	114.6	-	-	-	-	-	-
91.9	114.6	-	-	-	-	-	-
98.4	114.6	117.9	-	-	-	-	146.6
111.5	114.6	116.8	-	-	-	116.8	143.3
124.7	104.5	111.3	-	-	-	115.7	137.8
137.8	93.3	106.9	-	-	-	113.5	132.3
150.9	83.8	101.9	-	-	-	111.3	125.7
164.0	75.6	96.8	-	-	-	109.1	120.2
177.2	68.6	92.2	-	-	-	106.5	114.6
180.4	67.0	91.1	101.4	-	-	106.3	113.4
190.3	62.4	87.7	103.6	-	-	105.8	109.8
203.4	56.9	83.6	103.6	-	-	103.6	104.5
216.5	52.2	79.4	99.2	-	-	101.4	99.2
223.1	-	-	98.1	-	-	99.2	96.6
229.7	-	-	97.0	-	-	97.0	-
242.8	-	-	92.6	-	-	94.8	-
255.9	-	-	88.2	-	-	92.6	-
262.5	-	-	87.1	82.9	-	91.5	-
269.0	-	-	86.0	82.2	-	90.4	-
272.3	-	-	76.5	81.5	-	89.3	-
282.2	-	-	-	79.1	-	86.0	-
295.3	-	-	-	75.4	-	79.4	-
308.4	-	-	-	71.4	-	71.0	-
321.5	-	-	-	67.2	-	66.8	-
328.1	-	-	-	-	62.2	64.7	-
334.6	-	-	-	-	61.9	62.6	-
347.8	-	-	-	-	60.2	58.0	-
360.9	-	-	-	-	56.9	50.9	-
367.5	-	-	-	-	55.3	47.4	-
374.0	-	-	-	-	-	43.9	-
387.1	-	-	-	-	-	37.5	-
400.3	-	-	-	-	-	32.0	-
413.4	-	-	-	-	-	26.0	-
426.5	-	-	-	-	-	19.8	-
439.6	-	-	-	-	-	13.7	-
449.5	-	-	-	-	-	9.0	-

295.3 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
108.3	88.4	91.1	-	-	-	-	-
111.5	89.5	92.2	-	-	-	-	112.4
124.7	88.6	90.4	-	-	-	90.6	110.2
137.8	85.3	87.1	-	-	-	89.3	107.6
150.9	76.1	83.8	-	-	-	88.0	103.6
164.0	68.3	80.0	-	-	-	86.6	99.9
177.2	61.5	76.1	-	-	-	84.7	95.9
190.3	55.6	72.3	-	-	-	83.8	92.2
200.1	51.6	69.8	77.6	-	-	82.1	89.3
203.4	50.3	69.0	81.6	-	-	81.6	88.4
216.5	45.4	66.1	81.6	-	-	81.6	84.7
229.7	41.2	63.9	79.4	-	-	79.4	81.1
242.8	37.5	61.7	77.2	-	-	77.2	77.4
255.9	34.2	59.5	75.0	-	-	75.0	73.9
259.2	-	-	74.4	-	-	74.4	72.8
269.0	-	-	72.8	-	-	72.8	-
282.2	-	-	70.5	62.4	-	72.8	-
295.3	-	-	68.3	62.2	-	70.5	-
308.4	-	-	63.9	60.6	-	68.3	-
321.5	-	-	-	58.2	-	61.7	-
334.6	-	-	-	55.6	-	55.1	-
347.8	-	-	-	52.7	-	50.7	-
360.9	-	-	-	49.8	46.1	47.4	-
374.0	-	-	-	-	45.4	44.3	-
387.1	-	-	-	-	43.4	40.1	-
400.3	-	-	-	-	41.0	34.0	-
403.5	-	-	-	-	40.6	32.5	-
413.4	-	-	-	-	-	28.4	-
426.5	-	-	-	-	-	23.6	-
439.6	-	-	-	-	-	18.1	-
452.8	-	-	-	-	-	12.8	-
462.6	-	-	-	-	-	8.8	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

295.3 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
118.1	67.9	69.9	-	-	-	-	-
124.7	68.6	70.3	-	-	-	-	85.1
137.8	67.9	69.4	-	-	-	69.7	84.2
150.9	65.9	67.5	-	-	-	68.6	82.0
164.0	61.7	64.6	-	-	-	67.5	79.8
177.2	55.1	61.9	-	-	-	66.1	77.4
190.3	49.4	59.1	-	-	-	64.8	74.5
203.4	44.3	56.4	-	-	-	63.9	71.9
216.5	39.7	53.8	58.2	-	-	63.9	69.2
229.7	35.7	52.9	61.7	-	-	61.7	66.6
242.8	32.0	50.7	61.7	-	-	61.7	64.2
255.9	28.7	48.5	59.5	-	-	59.5	61.7
269.0	25.6	46.3	59.5	-	-	57.3	59.3
282.2	22.7	44.1	57.3	-	-	57.3	56.9
295.3	20.3	41.9	55.1	-	-	55.1	54.5
298.6	-	-	54.6	-	-	55.1	53.8
308.4	-	-	52.9	45.6	-	55.1	-
321.5	-	-	50.7	45.2	-	52.9	-
334.6	-	-	47.4	44.3	-	50.7	-
347.8	-	-	40.8	42.8	-	48.5	-
360.9	-	-	-	41.2	-	41.9	-
374.0	-	-	-	39.5	-	37.5	-
387.1	-	-	-	37.5	32.8	34.2	-
397.0	-	-	-	36.2	32.8	32.4	-
400.3	-	-	-	-	32.8	31.7	-
413.4	-	-	-	-	32.0	29.3	-
426.5	-	-	-	-	30.6	24.5	-
439.6	-	-	-	-	28.9	19.8	-
452.8	-	-	-	-	-	15.2	-
465.9	-	-	-	-	-	10.6	-
469.2	-	-	-	-	-	9.3	-

295.3 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
131.2	49.4	50.9	-	-	-	-	-
137.8	50.3	52.0	-	-	-	-	-
150.9	49.4	50.9	-	-	-	50.5	-
164.0	47.8	49.2	-	-	-	49.8	-
177.2	46.1	47.2	-	-	-	48.9	-
190.3	43.4	45.2	-	-	-	48.5	-
203.4	38.4	44.1	-	-	-	48.5	-
216.5	34.0	41.9	-	-	-	48.5	-
229.7	30.0	39.7	-	-	-	48.5	-
232.9	29.1	39.7	40.8	-	-	48.0	-
242.8	26.5	39.7	46.3	-	-	46.3	-
255.9	23.1	37.5	46.3	-	-	46.3	-
269.0	20.1	35.3	44.1	-	-	44.1	-
282.2	17.4	35.3	44.1	-	-	44.1	-
295.3	15.0	33.1	41.9	-	-	41.9	-
308.4	12.6	30.9	41.9	-	-	41.9	-
321.5	10.6	28.7	39.7	-	-	39.7	-
331.4	9.0	28.7	38.9	-	-	39.7	-
334.6	-	28.7	38.6	30.2	-	39.7	-
347.8	-	-	37.5	30.2	-	37.5	-
360.9	-	-	36.4	29.8	-	37.5	-
374.0	-	-	34.2	28.9	-	35.3	-
387.1	-	-	26.2	27.8	-	33.1	-
400.3	-	-	-	26.7	-	23.6	-
413.4	-	-	-	25.4	-	19.0	-
419.9	-	-	-	24.8	19.8	17.0	-
426.5	-	-	-	24.0	19.8	15.0	-
433.1	-	-	-	23.4	19.7	12.7	-
439.6	-	-	-	-	19.6	10.4	-
442.9	-	-	-	-	19.5	9.3	-
452.8	-	-	-	-	19.2	-	-
465.9	-	-	-	-	18.3	-	-
479.0	-	-	-	-	17.4	-	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

315.0 ft + 118.1 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
78.7	173.1	178.6	-	-	-	-	219.4
85.3	172.0	178.6	-	-	-	176.4	216.1
91.9	160.9	170.9	-	-	-	175.3	210.5
98.4	151.0	165.3	-	-	-	173.1	203.9
111.5	133.4	154.3	-	-	-	168.7	191.8
124.7	119.0	144.4	-	-	-	164.2	179.7
137.8	107.6	136.7	-	-	-	158.7	168.7
147.6	-	-	-	-	-	154.6	160.9
150.9	-	-	152.1	-	-	153.2	-
164.0	-	-	145.5	-	-	146.6	-
177.2	-	-	136.7	-	-	141.1	-
190.3	-	-	130.1	-	-	136.7	-
203.4	-	-	121.3	-	-	132.3	-
216.5	-	-	-	-	-	127.9	-
223.1	-	-	-	115.7	-	125.7	-
229.7	-	-	-	113.5	-	123.5	-
242.8	-	-	-	106.0	-	116.8	-
255.9	-	-	-	97.7	-	103.6	-
269.0	-	-	-	-	-	95.2	-
282.2	-	-	-	-	85.5	89.5	-
295.3	-	-	-	-	82.5	83.6	-
301.8	-	-	-	-	79.1	78.9	-
308.4	-	-	-	-	-	74.1	-
321.5	-	-	-	-	-	65.3	-
334.6	-	-	-	-	-	56.7	-
347.8	-	-	-	-	-	49.4	-
360.9	-	-	-	-	-	42.1	-
374.0	-	-	-	-	-	34.6	-
387.1	-	-	-	-	-	26.9	-

315.0 ft + 157.5 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
88.6	132.3	135.6	-	-	-	-	168.7
91.9	133.4	138.9	-	-	-	-	168.7
98.4	133.4	136.7	-	-	-	135.6	166.4
111.5	122.4	127.9	-	-	-	133.4	158.7
124.7	109.3	121.3	-	-	-	130.1	151.0
137.8	98.1	114.6	-	-	-	127.9	143.3
150.9	88.6	108.7	-	-	-	123.5	135.6
164.0	80.2	103.2	-	-	-	119.0	129.0
167.3	78.5	101.7	111.3	-	-	118.2	127.0
177.2	73.4	97.4	115.7	-	-	115.7	121.3
187.0	-	-	111.6	-	-	111.6	116.8
190.3	-	-	110.2	-	-	110.2	-
203.4	-	-	105.8	-	-	108.0	-
216.5	-	-	101.4	-	-	103.6	-
229.7	-	-	94.8	-	-	101.4	-
239.5	-	-	91.5	-	-	98.1	-
242.8	-	-	-	89.3	-	97.0	-
255.9	-	-	-	86.9	-	94.8	-
269.0	-	-	-	81.6	-	90.4	-
282.2	-	-	-	76.3	-	81.6	-
288.7	-	-	-	73.4	-	78.3	-
295.3	-	-	-	-	-	75.0	-
308.4	-	-	-	-	-	67.7	-
315.0	-	-	-	-	63.7	65.4	-
321.5	-	-	-	-	62.6	63.1	-
334.6	-	-	-	-	58.2	58.6	-
341.2	-	-	-	-	56.0	56.0	-
347.8	-	-	-	-	-	53.4	-
360.9	-	-	-	-	-	45.9	-
374.0	-	-	-	-	-	39.5	-
387.1	-	-	-	-	-	33.1	-
400.3	-	-	-	-	-	26.7	-
413.4	-	-	-	-	-	20.1	-
426.5	-	-	-	-	-	13.4	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

315.0 ft + 196.9 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
101.7	101.6	103.8	-	-	-	-	132.3
111.5	101.6	104.1	-	-	-	104.3	130.1
124.7	97.2	99.4	-	-	-	102.3	124.6
137.8	89.1	94.8	-	-	-	100.3	119.0
150.9	79.8	89.9	-	-	-	98.3	113.5
164.0	72.1	85.3	-	-	-	95.5	108.5
177.2	65.3	80.9	-	-	-	94.8	103.2
187.0	60.8	78.1	86.2	-	-	93.1	99.5
190.3	59.3	77.2	90.4	-	-	92.6	98.3
203.4	54.0	73.4	90.4	-	-	90.4	93.5
216.5	49.4	69.4	88.2	-	-	88.2	88.6
223.1	-	-	86.0	-	-	87.1	86.2
229.7	-	-	83.8	-	-	86.0	-
242.8	-	-	81.6	-	-	81.6	-
255.9	-	-	77.2	-	-	79.4	-
269.0	-	-	72.8	66.1	-	77.2	-
275.6	-	-	63.3	65.4	-	76.1	-
282.2	-	-	-	64.6	-	75.0	-
295.3	-	-	-	61.1	-	72.8	-
308.4	-	-	-	57.3	-	66.1	-
321.5	-	-	-	53.6	-	57.3	-
328.1	-	-	-	51.6	-	54.0	-
334.6	-	-	-	-	-	50.7	-
341.2	-	-	-	-	45.4	48.3	-
347.8	-	-	-	-	45.4	45.9	-
360.9	-	-	-	-	42.5	42.3	-
374.0	-	-	-	-	39.5	38.8	-
387.1	-	-	-	-	-	34.0	-
400.3	-	-	-	-	-	28.4	-
413.4	-	-	-	-	-	22.9	-
426.5	-	-	-	-	-	17.2	-
439.6	-	-	-	-	-	11.7	-
446.2	-	-	-	-	-	8.8	-

315.0 ft + 236.2 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
111.5	-	79.8	-	-	-	-	-
114.8	78.0	79.8	-	-	-	-	101.0
124.7	78.0	80.2	-	-	-	80.0	99.4
137.8	75.2	77.2	-	-	-	78.7	96.1
150.9	72.3	73.9	-	-	-	77.2	92.6
164.0	64.6	70.3	-	-	-	75.4	89.1
177.2	58.2	66.8	-	-	-	73.4	85.3
190.3	52.2	63.3	-	-	-	72.8	81.8
203.4	47.4	60.0	65.0	-	-	72.8	78.3
216.5	42.8	57.3	70.5	-	-	70.5	75.0
229.7	38.8	55.1	68.3	-	-	68.3	71.7
242.8	35.1	52.9	66.1	-	-	66.1	68.1
255.9	31.7	50.7	63.9	-	-	66.1	64.8
262.5	-	-	62.8	-	-	65.0	63.3
269.0	-	-	61.7	-	-	63.9	-
282.2	-	-	59.5	-	-	61.7	-
295.3	-	-	57.3	49.2	-	59.5	-
308.4	-	-	55.1	48.3	-	57.3	-
315.0	-	-	45.4	47.1	-	56.2	-
321.5	-	-	-	45.9	-	55.1	-
334.6	-	-	-	43.2	-	50.7	-
347.8	-	-	-	40.6	-	41.9	-
360.9	-	-	-	37.9	-	37.5	-
367.5	-	-	-	36.6	-	35.3	-
374.0	-	-	-	-	32.0	33.1	-
387.1	-	-	-	-	30.6	30.2	-
400.3	-	-	-	-	28.4	27.3	-
413.4	-	-	-	-	26.2	24.5	-
426.5	-	-	-	-	-	19.8	-
439.6	-	-	-	-	-	14.8	-
452.8	-	-	-	-	-	9.9	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

315.0 ft + 275.6 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
121.4	59.3	60.8	-	-	-	-	-
124.7	60.2	62.4	-	-	-	-	73.4
137.8	60.2	61.1	-	-	-	61.1	73.4
150.9	57.5	58.9	-	-	-	60.0	73.4
164.0	55.1	56.4	-	-	-	58.4	71.0
177.2	51.8	53.8	-	-	-	57.3	68.6
190.3	46.3	51.1	-	-	-	57.3	65.9
203.4	41.4	48.7	-	-	-	57.3	63.5
216.5	37.0	46.3	-	-	-	55.1	60.8
219.8	36.0	46.3	47.8	-	-	55.1	60.2
229.7	33.1	46.3	52.9	-	-	55.1	58.4
242.8	29.5	44.1	52.9	-	-	52.9	56.0
255.9	26.2	41.9	50.7	-	-	50.7	53.8
269.0	23.4	39.7	50.7	-	-	50.7	51.6
282.2	20.7	37.5	48.5	-	-	48.5	49.2
295.3	18.3	37.5	46.3	-	-	46.3	47.0
301.8	-	-	45.2	-	-	46.3	45.9
308.4	-	-	44.1	-	-	46.3	-
315.0	-	-	44.1	34.6	-	45.2	-
321.5	-	-	44.1	34.4	-	44.1	-
334.6	-	-	40.8	33.7	-	41.9	-
347.8	-	-	32.2	32.4	-	39.7	-
354.3	-	-	31.1	31.5	-	38.6	-
360.9	-	-	-	30.6	-	37.5	-
374.0	-	-	-	29.1	-	30.9	-
387.1	-	-	-	27.3	-	24.5	-
400.3	-	-	-	25.8	21.4	20.7	-
406.8	-	-	-	24.9	21.1	18.2	-
413.4	-	-	-	-	20.7	15.7	-
426.5	-	-	-	-	19.4	10.8	-
429.8	-	-	-	-	19.0	9.7	-
439.6	-	-	-	-	17.6	-	-
452.8	-	-	-	-	16.1	-	-

315.0 ft + 315.0 ft

	SWSL_1					SFSL_1	SWSL_2
	0 lb	0 lb - 661,500 lb					
	85°	85°	75°	65°	55°	15°	85°
ft	1,000 lb						
137.8	42.8	45.0	-	-	-	-	-
150.9	42.8	44.1	-	-	-	43.7	-
164.0	40.8	42.1	-	-	-	42.8	-
177.2	39.7	40.3	-	-	-	41.9	-
190.3	37.5	39.7	-	-	-	41.9	-
203.4	35.5	37.5	-	-	-	41.9	-
216.5	31.3	35.3	-	-	-	41.9	-
229.7	27.3	35.3	-	-	-	39.7	-
236.2	25.7	34.2	32.4	-	-	39.7	-
242.8	24.0	33.1	37.5	-	-	39.7	-
255.9	20.7	33.1	37.5	-	-	39.7	-
269.0	17.9	30.9	37.5	-	-	37.5	-
282.2	15.2	28.7	37.5	-	-	35.3	-
295.3	13.0	28.7	35.3	-	-	35.3	-
308.4	10.8	26.5	35.3	-	-	33.1	-
318.2	9.3	24.9	33.6	-	-	33.1	-
321.5	-	24.3	33.1	-	-	33.1	-
334.6	-	24.3	32.0	-	-	30.9	-
341.2	-	-	31.4	21.2	-	30.9	-
347.8	-	-	30.9	20.9	-	30.9	-
360.9	-	-	29.8	20.7	-	28.7	-
374.0	-	-	27.6	19.6	-	28.7	-
387.1	-	-	19.2	18.5	-	26.5	-
393.7	-	-	18.5	18.0	-	25.4	-
400.3	-	-	-	17.4	-	24.3	-
413.4	-	-	-	16.1	-	-	-
426.5	-	-	-	15.0	9.7	-	-
439.6	-	-	-	13.7	9.7	-	-
446.2	-	-	-	13.0	9.4	-	-
452.8	-	-	-	-	9.0	-	-

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

334.6 ft + 118.1 ft

	SWSL_2				
	0 lb	0 lb - 661,500 lb			
	85°	85°	75°	65°	55°
ft	1,000 lb				
78.7	176.4	186.3	-	-	-
85.3	164.2	183.0	-	-	-
91.9	153.2	177.5	-	-	-
98.4	143.3	172.0	-	-	-
111.5	126.8	160.9	-	-	-
124.7	113.5	151.0	-	-	-
137.8	102.5	141.1	-	-	-
150.9	93.3	131.2	-	-	-
154.2	-	-	148.8	-	-
164.0	-	-	145.5	-	-
177.2	-	-	135.6	-	-
190.3	-	-	125.7	-	-
203.4	-	-	115.7	-	-
206.7	-	-	112.4	-	-
226.4	-	-	-	107.6	-
229.7	-	-	-	107.6	-
242.8	-	-	-	101.6	-
255.9	-	-	-	93.3	-
262.5	-	-	-	89.3	-
292.0	-	-	-	-	74.1
295.3	-	-	-	-	74.1
308.4	-	-	-	-	69.4
315.0	-	-	-	-	66.4

334.6 ft + 157.5 ft

ft	1,000 lb				
91.9	137.8	143.3	-	-	-
98.4	132.3	141.1	-	-	-
111.5	115.7	134.5	-	-	-
124.7	103.8	126.8	-	-	-
137.8	93.0	119.0	-	-	-
150.9	84.0	112.4	-	-	-
164.0	76.3	106.5	-	-	-
173.9	71.3	101.9	113.5	-	-
177.2	69.7	100.3	113.5	-	-
187.0	65.3	95.7	110.2	-	-
190.3	-	-	109.1	-	-
203.4	-	-	102.5	-	-
216.5	-	-	96.1	-	-
229.7	-	-	89.7	-	-
242.8	-	-	83.3	-	-
246.1	-	-	81.6	-	-
252.6	-	-	-	80.9	-
255.9	-	-	-	80.9	-
269.0	-	-	-	77.2	-
282.2	-	-	-	71.9	-
295.3	-	-	-	66.6	-
301.8	-	-	-	63.7	-
321.5	-	-	-	-	54.0
334.6	-	-	-	-	52.0
347.8	-	-	-	-	47.8
351.1	-	-	-	-	47.0

334.6 ft + 196.9 ft

	SWSL_2				
	0 lb	0 lb - 661,500 lb			
	85°	85°	75°	65°	55°
ft	1,000 lb				
105.0	106.5	110.2	-	-	-
111.5	106.5	109.8	-	-	-
124.7	94.4	104.5	-	-	-
137.8	84.2	99.4	-	-	-
150.9	75.4	94.4	-	-	-
164.0	67.9	89.3	-	-	-
177.2	61.5	84.2	-	-	-
190.3	55.8	80.0	-	-	-
193.6	54.5	78.9	86.9	-	-
203.4	50.7	75.6	85.8	-	-
216.5	46.3	71.2	81.8	-	-
226.4	43.4	67.9	78.5	-	-
229.7	-	-	77.4	-	-
242.8	-	-	73.0	-	-
255.9	-	-	68.6	-	-
269.0	-	-	64.2	-	-
275.6	-	-	61.9	60.6	-
282.2	-	-	59.7	60.6	-
295.3	-	-	-	58.0	-
308.4	-	-	-	54.2	-
321.5	-	-	-	50.3	-
334.6	-	-	-	46.5	-
337.9	-	-	-	45.6	-
351.1	-	-	-	-	37.5
360.9	-	-	-	-	37.5
374.0	-	-	-	-	34.6
387.1	-	-	-	-	31.5
390.4	-	-	-	-	30.9

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 551,250 lb | 661,500 lb

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

396,900 lb + 132,300 lb | 36.1-49.2 ft | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

354.3 ft + 157.5 ft

	SWSL_2				
	0 lb	0 lb - 661,500 lb			
	85°	85°	75°	65°	55°
ft	1,000 lb				
91.9	121.3	126.8	-	-	-
98.4	121.3	126.8	-	-	-
111.5	110.2	119.0	-	-	-
124.7	98.8	112.4	-	-	-
137.8	88.4	106.5	-	-	-
150.9	79.8	99.9	-	-	-
164.0	72.3	94.1	-	-	-
177.2	65.9	88.6	-	-	-
180.4	64.5	87.2	95.9	-	-
190.3	60.4	82.9	94.8	-	-
203.4	-	-	88.8	-	-
216.5	-	-	83.1	-	-
229.7	-	-	77.4	-	-
242.8	-	-	71.7	-	-
249.3	-	-	69.0	-	-
259.2	-	-	-	64.8	-
269.0	-	-	-	63.7	-
282.2	-	-	-	59.1	-
295.3	-	-	-	54.5	-
308.4	-	-	-	49.8	-
334.6	-	-	-	-	37.3
347.8	-	-	-	-	35.7
360.9	-	-	-	-	32.2
364.2	-	-	-	-	31.3

354.3 ft + 196.9 ft

	SWSL_2				
	0 lb	0 lb - 661,500 lb			
	85°	85°	75°	65°	55°
ft	1,000 lb				
105.0	92.6	96.8	-	-	-
111.5	92.6	96.8	-	-	-
124.7	89.3	92.4	-	-	-
137.8	79.6	87.7	-	-	-
150.9	71.2	82.9	-	-	-
164.0	64.2	78.3	-	-	-
177.2	57.8	73.4	-	-	-
190.3	52.5	69.7	-	-	-
196.9	50.0	67.8	73.4	-	-
203.4	47.6	65.9	73.4	-	-
216.5	43.2	62.2	69.9	-	-
226.4	40.3	59.3	66.9	-	-
229.7	-	-	65.9	-	-
242.8	-	-	61.7	-	-
255.9	-	-	57.8	-	-
269.0	-	-	53.8	-	-
282.2	-	-	49.8	-	-
285.4	-	-	48.8	46.5	-
288.7	-	-	47.8	46.2	-
295.3	-	-	-	45.6	-
308.4	-	-	-	42.3	-
321.5	-	-	-	39.0	-
334.6	-	-	-	35.7	-
347.8	-	-	-	32.4	-
360.9	-	-	-	-	23.4
374.0	-	-	-	-	22.7
387.1	-	-	-	-	20.3
400.3	-	-	-	-	18.1

0 lb	110,250 lb	220,500 lb	330,750 lb
441,000 lb	551,250 lb	661,500 lb	

Main boom angle 85°, 75°, 65° and 55°, capacities for intermediate boom positions are calculated by the crane control system IC-1

Notes

FIXED FLY JIB WITH SL

275.6 ft
255.9 ft
236.2 ft
216.5 ft
196.9 ft
177.2 ft
157.5 ft
137.8 ft
400
384
368
352
336
320
304
288
272
256
240
224
208
192
176
160
144
128
112
96
80
64
48
32
16
0
0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 272 288 ft

396,900 lb + 132,300 lb | 49.2 ft | 39.4 ft | 17° | 27.6 ft | 32.2 ft/s | 360° | ASME B30.5

	137.8 ft		157.5 ft		177.2 ft		196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft	
	LVSL_1															
	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb	0 lb	0 - 661.5 klb
ft	1,000 lb															
39.4	582.0	661.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.7	531.3	661.4	509.3	661.4	-	661.4	-	-	-	-	-	-	-	-	-	-
45.9	487.2	661.4	469.6	661.4	451.9	661.4	434.3	661.4	418.9	610.7	-	-	-	-	-	-
52.5	416.7	661.4	401.2	661.4	388.0	661.4	374.8	661.4	361.6	610.7	348.3	540.1	335.1	451.9	324.1	399.0
59.1	357.1	661.4	350.5	661.4	337.3	661.4	326.3	661.4	315.3	610.7	304.2	540.1	293.2	451.9	282.2	399.0
65.6	304.2	661.4	302.0	661.4	297.6	661.4	286.6	661.4	277.8	610.7	269.0	540.1	260.1	451.9	249.1	399.0
72.2	262.4	641.5	260.1	652.6	257.9	661.4	255.7	661.4	246.9	606.3	238.1	540.1	231.5	451.9	222.7	399.0
78.7	229.3	593.0	227.1	617.3	224.9	612.9	222.7	621.7	222.7	577.6	213.8	529.1	207.2	449.7	198.4	399.0
85.3	203.9	549.0	201.7	573.2	199.5	575.4	196.2	571.0	195.1	549.0	192.9	511.5	186.3	445.3	178.6	394.6
91.9	181.9	507.1	179.7	529.1	177.5	535.7	174.2	531.3	173.1	520.3	170.9	493.8	167.6	438.7	160.9	390.2
98.4	163.1	467.4	160.9	487.2	158.7	496.0	155.4	491.6	154.3	485.0	152.1	474.0	151.0	434.3	145.5	385.8
111.5	135.2	399.8	133.0	418.1	130.8	428.4	127.5	429.9	125.7	426.2	123.9	412.3	122.8	396.1	118.8	365.2
124.7	112.1	340.2	109.7	356.4	107.3	368.9	103.7	372.6	101.7	372.6	99.7	360.1	98.5	352.7	95.0	336.6
137.8	93.9	288.8	91.1	302.0	88.2	317.5	84.0	319.7	82.5	324.1	79.6	317.5	78.0	304.2	74.3	299.8
150.9	80.1	253.5	76.8	265.3	73.5	276.3	69.3	281.5	67.6	284.4	64.6	283.7	63.1	273.4	59.2	266.0
164.0	67.5	212.7	64.2	231.5	60.7	241.0	56.4	247.7	54.6	249.9	51.5	251.3	49.9	246.2	45.9	238.5
177.2	-	-	53.4	200.6	49.8	211.6	45.4	218.3	43.4	220.5	40.3	220.5	38.6	222.7	34.6	217.2
190.3	-	-	-	-	41.0	187.4	36.9	194.0	34.8	198.4	31.5	197.7	29.8	202.8	25.6	199.5
203.4	-	-	-	-	-	-	29.1	172.0	27.0	177.1	23.7	177.1	21.8	183.4	17.6	181.9
216.5	-	-	-	-	-	-	-	-	20.3	156.5	16.8	158.7	14.8	164.2	10.6	164.2
219.8	-	-	-	-	-	-	-	-	18.9	151.3	15.3	154.3	13.2	160.2	9.0	159.8
226.4	-	-	-	-	-	-	-	-	16.1	140.8	12.5	145.5	10.1	152.1	-	151.5
229.7	-	-	-	-	-	-	-	-	14.8	135.6	11.1	141.1	-	147.7	-	147.3
232.9	-	-	-	-	-	-	-	-	-	-	9.7	136.7	-	143.3	-	143.1
242.8	-	-	-	-	-	-	-	-	-	-	-	123.5	-	130.1	-	130.8
255.9	-	-	-	-	-	-	-	-	-	-	-	-	-	112.4	-	114.6
269.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99.9

0 lb | 110,250 lb | 220,500 lb | 330,750 lb | 441,000 lb | 661,500 lb

Notes to Lifting Capacity

Ratings are in compliance with EN 13000. They do not exceed 75% of tipping load, according to ASME B30.5.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.
Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.

In some instances the superlift counterweight does not lift off the ground with the indicated load.

TECHNICAL DESCRIPTION

Technical Description

Crawler carrier

3-section carrier comprising of carbody and two crawlers. Hydraulic pin connections between crawlers and carbody provide for easy assembly and removal to minimise width and weight for transportation.

Carbody	Bending- and torsion-resistant welded structure of box type construction, fabricated of high-strength fine-grain structural steel.
Crawlers	Side frames: bending-resistant welded structure of high-strength fine-grain structural steel. Track shoes, idler and drive sprockets are fabricated of heat-treated high-strength cast steel. 16 rollers on each side frame with hardened rolling surfaces. Automatic centralized lubrication is included as standard.
Crawler drive	The tracks are powered by one hydraulic motor each through closed planetary gear reduction units running in oil bath, equipped with spring-applied hydraulically released holding brakes; the gear units are of very compact design to fit within the width of the crawlers. Each crawler is infinitely variable controlled, both independently and in opposite direction. Tractive effort: 315 kip per side.
Assembly jacks	Four hydraulic jacking cylinders on carbody (folding within 9.8 ft width) for easy assembly of crawlers.

Superstructure

Counterweight	396,900 lb counterweight on superstructure in combination with 132,300 lb central ballast. Steelbox type. Weight of counterweight blocks: 22,050 lb.
Travel speed on crawlers	Max. 0.68 mph.
Reeving winch	Mounted on superstructure.
Frame	Torsion-resistant welded structure fabricated of high-strength fine-grain structural steel.
Slew ring	Triple-row roller bearing slew ring with external ring gear for ease of service and maintenance. Central lubrication system.
Drive **EU Stage V / EPA Tier 4f**	Mercedes-Benz diesel engine, type OM471LA, 6 cylinder, 390 kW (523 HP) at 1600 1/min, torque 2600 Nm at 1300 1/min. The engine complies with emission standard EU Stage V / EPA Tier 4f. Pump distribution gearbox with six variable displacement axial piston pumps and additional gear pumps. Stainless steel exhaust system with particle filter, SCR catalyzer and spark arrestor certificate. Sound insulation covering. Fuel: 321 gallons, AdBlue: 22.5 gallons.
Rope drums	The standard superstructure equipment includes three rope drums – hoist 1 (3281 ft), hoist 2 (3281 ft) and boom hoist. The drums are powered by hydraulic motors through closed planetary gear units running in oil bath. All rope drums have spring applied, hydraulically released multi-disk brakes and non-wearing hydraulic braking for load lowering, drum rotation indicators and cameras. All winches are removable to minimize weight for transportation.
A-frame	Hydraulic raising systems for A-frame as standard. A-frame, boom hoist and sheave sets for boom hoist can be dismantled as one single transport unit to minimize transport weight. Dismantling of hoist 1 and 2 possible without removing A-frame first.
Slew unit	Powered by hydraulic motor through closed, planetary gear unit running in oil bath. Spring-applied, hydraulically released holding brake and non-wearing hydraulic braking. Slew speed infinitely variable 0-1 rpm.
Control system	IC-1: Electronic proportional valve pilot control integrated in stored-program control system incl. diagnostic system. Two monitors with color displays, load moment indicator operated via a touch screen. Working speeds infinitely variable controlled by the lever position. Automatic power control for optimal utilisation of engine output; emergency control systems. Additional functions: • Infinitely variable position of Superlift counterweight with the optional adjustable Superlift system 36.1 ft - 49.2 ft • Infinitely variable position of main boom angle in SWSL configuration 55-85° (65-85° in SW configuration) • Working area limitation • Diagnosis and troubleshooting • User defined joystick mode The crane is controlled by joystick levers ergonomically positioned in the crane cab. Wireless rigging remote control. Wireless emergency remote control.
Cab	Comfortable cab with large windscreen and air condition. Shatterproof-glazing all around, roof window, self-contained hot air heater, full instrumentation and crane controls. Infinitely adjustable operator seat, emergency seat, multiple storage areas, 12-V power plug. The cab can be tilted back for improved operator view of boom point. A camera system is installed to monitor the rope drums. Front window can be opened. Dashboard can be adjusted for optimum ergonomics and view. Front wiper with resting position outside of window area for optimum view. For transportation, the cab swings hydraulically in front of the superstructure to minimise width.

Technical Description

Electrical equipment	24 V DC system (4 x batteries 12 V, 95 Ah).
Operator aids	Load moment indicator integrated in IC-1 control (load moment, radius, angles, engine and hydraulic system monitoring), hoist limit switch, limit switches for boom movements, hydraulic boom backstop, position light, anemometer.

Boom combinations

See page 18-22.

Optional equipment

Engine ECE R96	**Optional for non-regulated markets:** Mercedes-Benz diesel engine, type OM471LA, 6 cylinder, 390 kW (523 HP) at 1700 ^{1}/min, torque 2460 Nm at 1300 ^{1}/min. The engine complies with emission standard ECE R96 (similar to EU Stage III / EPA Tier 3). Stainless steel exhaust system with spark arrestor certificate. Fuel: 321 gallons.
Hydraulic quick connection	Allows for quick separation of superstructure from carrier (thus reducing transport weight).
Crawler pads	6.6 ft.
Quadro-drive	Add. two hydraulic motors on the crawlers to double the driving power. The driving speed will be reduced accordingly.
Alternative counterweights made of cast iron	Reduced overall height (see page 14).
Alternative counterweight segmentation 22,050 lb + 16,540 lb or 22,050 lb + 33,080 lb	For optimized transport in certain markets.
Hydraulic cylinder on A-frame	For self-assembly of crawlers.
Hydraulic cylinder with or without hydraulic unit	For boom pinning.
Additional lateral outrigger system	For erection of long boom systems.
Power-kit for main boom	Consisting of 2-4 additional heavy main boom sections; standard main boom 275.6 ft required.
Split tray	Superlift tray frame with removable platform underneath the center stack of counterweights (center stack max. 275,600 lb).
Standard SL	98.4 ft Superlift mast incl. hoist W2 and SL tray for 661,500 lb. Mast radii 36.1 ft, 42.7 ft and 49.2 ft by adjusting the Superlift mast.
Variable SL	Variable 98.4 ft Superlift mast (see Standard SL). Additional vertical hydraulic cylinders and stabilisation winch on superstructure (prevents weaving of counterweight especially when traveling and slewing). Height compensation using the cylinders, lifting across obstacles possible to a certain extent. Superlift counterweight 0 lb - 661,500 lb on counterweight tray, indefinitely variable from 36.1 ft - 49.2 ft.
SL counterweight carrier	Superlift mast (see Standard SL). Telescopic frame and counterweight carrier for total weight of 661,500 lb, with 4 wheels / 2 axles (driven and steered – full manoeuvrability for slewing, trailing, and parallel modes). Superlift counterweight 88,200 lb - 661,500 lb on counterweight carrier with fixed mast radius approx. 49.2 ft; infinitely adjustable from 42.7 ft - 55.8 ft with telescopic frame. The counterweight carrier allows for traveling or slewing even when the Superlift counterweight does not lift off the ground (e.g. crane with loads as indicated by load chart values in brackets).
Hoist H3	Additional hoist for main boom (to operate LF or runner), line pull same as H1, length 2133 ft.
Runner	Max. lifting capacity 66,150 lb or 132,300 lb. Mounted on boom head and boom / jib top. Operation by hoist rope 3.
Runner for LF standard	Max. lifting capacity 33,080 lb. Operated by rope 3.

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